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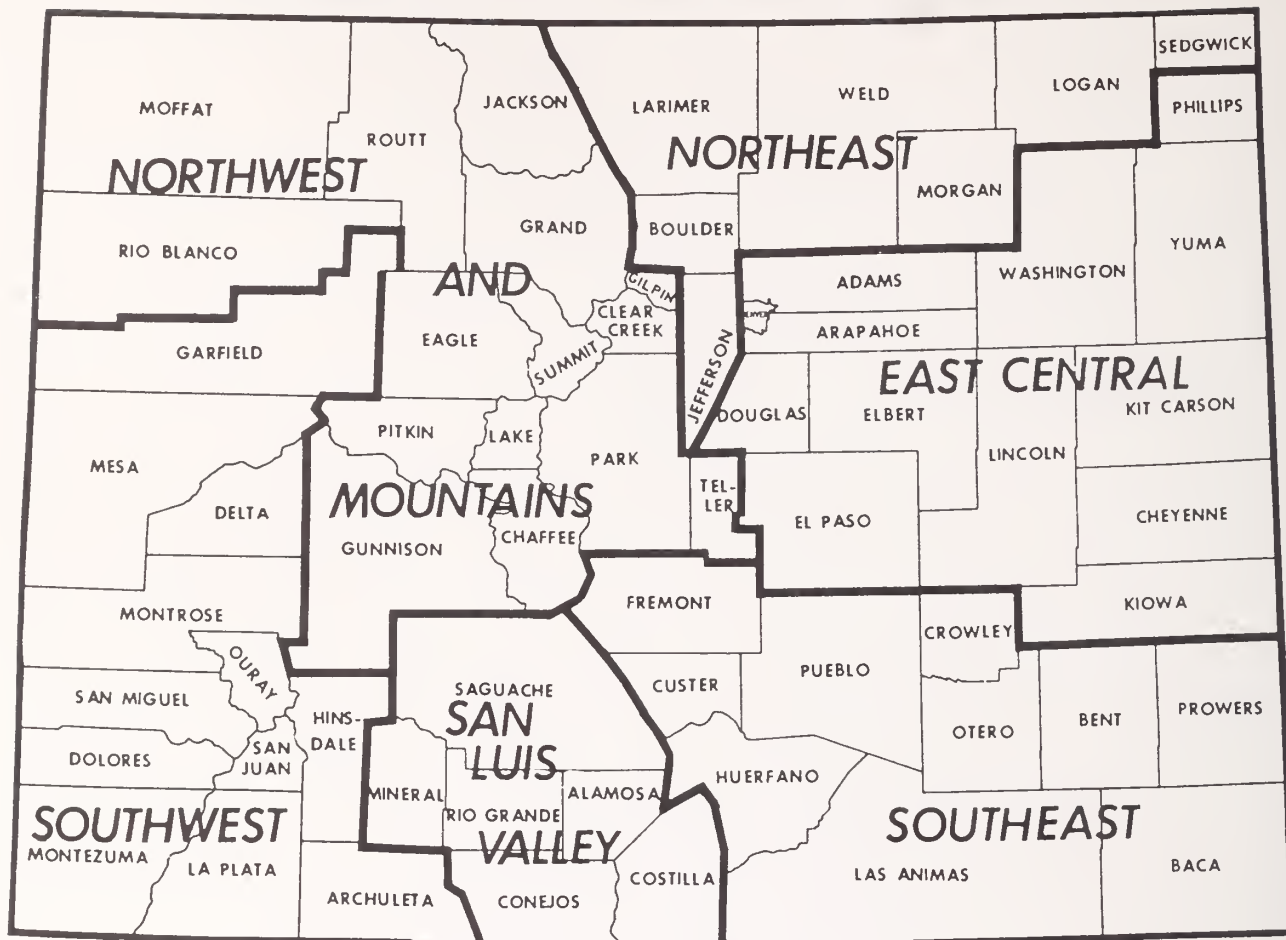


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COLORADO AGRICULTURAL STATISTICS 1992



COLORADO CROP REPORTING DISTRICTS



COLORADO

The Centennial State, admitted to the Union in 1876, is the eighth largest state in area and has the highest average elevation. The highest point is at Mount Elbert, 14,433 feet above sea level, one of the 53 "fourteeners" rising above 14,000 feet. The lowest elevation is 3,350 feet in extreme eastern Prowers County.

Approximate Land Area: 66.3 Million Acres (104,687 Square Miles)

Approximate Cropland Area: 11.0 Million Acres

Approximate Irrigated Area: 3.0 Million Acres

Number of Farms and Ranches (1991): 26,000

Land In Farms and Ranches (1991): 32.8 Million Acres

Average Size of Farm and Ranch (1991): 1,262 Acres

Farms By Type

83% Individual
11% Partnership
5% Corporate
1% Other

Farms By Tenure

54% Full Owners
31% Part owners
15% Tenants

Farms By Class

59% Livestock & Poultry
41% Crops

Farm Marketing Receipts (1990):

Livestock & Livestock Products:

Field, Fruit, & Vegetable Crops:

\$4,213.4 Million

3,029.3 Million

1,184.1 Million

71.9%

28.1%

COLORADO

AGRICULTURAL STATISTICS

1991 PRELIMINARY

1990 REVISED

Prepared and Published by

COLORADO AGRICULTURAL STATISTICS SERVICE

645 PARFET STREET, ROOM W201
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Issued Cooperatively By

U.S. DEPARTMENT OF AGRICULTURE



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AGRICULTURAL
STATISTICS
SERVICE



COLORADO
DEPARTMENT
OF AGRICULTURE

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ACKNOWLEDGMENT

Special appreciation for the color cover on this publication is extended to:



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Deputy Commissioner



July, 1992

Dear Friends,

It is my pleasure to offer this 1992 edition of the Colorado Agricultural Statistics bulletin. Colorado is indeed fortunate to have available a compendium of such valuable information.

Farming and ranching is, by its nature, risky business. Producers of agricultural goods, as well as those who transport, distribute, and process the commodities grown in Colorado will find the data shown here useful. Knowledge of Colorado's agricultural industry can afford the opportunity to reduce the inherent risks.

Located at the back of this book is the Annual Report of the Colorado Department of Agriculture. I urge you to take a moment to review this report. It summarizes the activities of the department, and you may be surprised at the variety of duties and responsibilities assigned to the Colorado Department of Agriculture.

This publication would not be possible without the support of the entire agricultural industry and the Colorado General Assembly. I would like to especially thank the Colorado Wheat Administrative Committee and the wheat producers of Colorado for their contribution to make this bulletin as attractive as it is comprehensive.

Sincerely,

Steven W. Horn
Commissioner

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Rank in Agriculture: Colorado's rank among states, 1991

Commodity	Unit	Colorado		Leading State		United States total
		Rank	Production	State	Production	
FIELD CROPS:						
Barley	1,000 bu.	9	10,400	North Dakota	138,670	464,495
Beans, dry edible	1,000 cwt.	4	3,315	North Dakota	7,548	32,963
Corn, grain	1,000 bu.	13	128,520	Iowa	1,427,400	7,474,480
Corn, silage	1,000 tons	11	2,310	New York	7,700	80,503
Hay, all	1,000 tons	17	4,062	Texas	9,700	153,485
Hay, alfalfa	1,000 tons	10	2,736	Wisconsin	8,400	83,795
Hay, other	1,000 tons	21	1,326	Texas	9,250	69,690
Oats	1,000 bu.	23	1,800	South Dakota	38,500	242,526
Potatoes, all	1,000 cwt.	4	25,836	Idaho	122,175	418,229
Potatoes, fall	1,000 cwt.	4	23,800	Idaho	122,175	372,005
Potatoes, summer	1,000 cwt.	5	2,036	New Mexico	3,450	22,979
Rye	1,000 bu.	21	78	Georgia	1,300	9,761
Sorghum, grain	1,000 bu.	9	10,800	Texas	176,900	579,490
Sorghum, silage	1,000 tons	5	330	South Dakota	1,040	4,806
Sugar beets	1,000 tons	9	936	Minnesota	6,171	27,848
Sunflowers, all	1,000 lbs.	5	58,250	North Dakota	2,235,000	3,609,990
Sunflowers, oil varieties	1,000 lbs.	5	33,250	North Dakota	1,903,500	3,026,110
Sunflowers, non-oil varieties	1,000 lbs.	4	25,000	North Dakota	331,500	583,880
Wheat, all 1/	1,000 bu.	9	74,000	Kansas	363,000	1,980,704
Wheat, spring 2/	1,000 bu.	7	2,700	North Dakota	212,350	504,565
Wheat, winter	1,000 bu.	5	71,300	Kansas	363,000	1,372,182
VEGETABLES: 3/						
Carrots	1,000 cwt.	9	539	California	15,680	27,827
Corn, sweet	1,000 cwt.	10	496	Florida	4,630	14,776
Cucumbers (P)	Tons	10	6,630	Michigan	144,000	622,800
Lettuce	1,000 cwt.	4	1,034	California	52,440	72,324
Onions (storage only)	1,000 cwt.	2	4,953	Oregon	7,588	27,631
Tomatoes (P)	Tons	7	3,000	California	9,893,520	10,872,990
FRUITS:						
Apples	Mil lbs.	15	75	Washington	4,300	9,871
Cherries, tart	Mil lbs.	7	1.6	Michigan	110	190
Peaches	Mil lbs.	29	2	California	1,640	2,672
Pears	Tons	7	3,100	Washington	340,000	908,350
LIVESTOCK: 4/						
All cattle & calves	1,000 head	10	2,950	Texas	13,600	100,110
All cows 5/	1,000 head	18	900	Texas	5,850	43,738
Beef cows 5/	1,000 head	16	823	Texas	5,475	33,834
Milk cows 5/	1,000 head	32	77	Wisconsin	1,675	9,904
Milk production, 1991	Mil lbs.	27	1,335	Wisconsin	24,065	148,535
Calf crop, 1991	1,000 head	16	840	Texas	5,150	39,256
Cattle on feed 6/	1,000 head	4	930	Texas	2,180	11,947
Fed cattle marketings 7/	1,000 head	4	2,170	Texas	5,080	22,388
All sheep & lambs	1,000 head	4	710	Texas	2,140	10,850
Stock sheep & lambs	1,000 head	8	400	Texas	1,930	9,043
Lamb crop, 1991	1,000 head	8	385	Texas	1,270	7,700
Sheep & lambs on feed 6/	1,000 head	1	310	Colorado	310	1,807
Wool production, 1991	1,000 lbs.	5	5,724	Texas	16,700	86,970
All hogs & pigs	1,000 head	19	410	Iowa	14,800	56,974
Pig crop, 1991	1,000 head	21	685	Iowa	23,541	95,107
All chickens	1,000 head	23	4,640	California	34,000	359,473
Hens & pullets 8/	1,000 head	22	3,736	California	29,000	278,386
Egg production, 1991	Million	24	873	California	7,444	68,958
MISCELLANEOUS:						
Farms, 1991	Number	30	26,000	Texas	185,000	2,104,560
Land in farms	1,000 acres	12	32,800	Texas	131,000	982,576
Average size of farm	Acres	8	1,262	Arizona	4,500	467

1/ Includes Durum wheat. 2/ Excludes Durum wheat. 3/ Fresh market except where noted as processing (P).

4/ Inventory January 1, 1992 for cattle and sheep; December 1, 1991 for hogs and chickens. 5/ Cows and heifers that have calved.

6/ As of 1/1/92. 7/ 13 major feeding states. 8/ Hens and pullets of laying age.

Farms, land in farms, and average size, Colorado and U. S. , 1980-91

Year	Colorado			United States		
	Farms <u>1/</u>	Land in farms	Average size	Farms <u>1/</u>	Land in farms	Average size
	Number	1,000 Acres	Acres	Number	1,000 Acres	Acres
1980	26,500	36,000	1,358	2,439,510	1,038,885	426
1981	27,000	35,500	1,315	2,439,920	1,034,190	424
1982	27,500	35,200	1,280	2,406,550	1,027,795	427
1983	27,000	34,800	1,289	2,378,620	1,023,425	430
1984	27,000	34,600	1,281	2,333,810	1,017,803	436
1985	26,700	34,400	1,288	2,292,530	1,012,073	441
1986	26,600	34,200	1,286	2,249,820	1,005,333	447
1987	27,000	34,000	1,259	2,212,960	998,923	451
1988	27,300	33,700	1,234	2,197,140	994,543	453
1989	27,000	33,500	1,241	2,170,520	991,153	457
1990	26,500	33,100	1,249	2,140,420	987,420	461
1991	26,000	32,800	1,262	2,104,560	982,576	467

1/ Places with annual sales of agricultural products of \$1,000 or more.

Livestock Operations: Number by specie, Colorado, 1984-91

Year	All cattle operations	Beef cow operations <u>1/</u> <u>2/</u>	Milk cow operations <u>1/</u>	Cattle feedlots <u>1/</u>	Sheep operations	Hog operations
	Number					
1984	19,000	...	3,500	360	2,400	3,000
1985	17,000	...	3,000	330	2,500	2,700
1986	16,500	12,000	2,600	300	2,600	2,300
1987	15,500	11,500	2,000	310	2,300	2,300
1988	15,000	11,000	1,800	295	2,400	2,500
1989	15,000	10,800	1,700	295	2,300	2,400
1990	15,000	10,800	1,700	285	2,200	2,000
1991	14,500	10,500	1,600	295	2,000	1,800

1/ Included in all cattle operations. 2/ Estimates began in 1986.

Cattle: Percent of operations and inventory by size group, by class, Colorado, 1986-90

Year/Class	Operations having				Inventory on operations having			
	1-49	50-99	100-499	500+	1-49	50-99	100-499	500+
	Head	Head	Head	Head	Head	Head	Head	Head
	Percent				Percent			
1986								
All Cattle & Calves ..	53.9	13.3	27.3	5.5	4.4	5.8	32.1	57.7
Beef Cows	63.3	16.7	20.0	<u>1/</u>	14.0	17.3	68.7	<u>1/</u>
1987								
All Cattle & Calves ..	47.1	16.1	30.3	6.5	3.4	5.9	33.3	57.4
Beef Cows	59.1	18.3	22.6	<u>1/</u>	14.2	16.7	69.1	<u>1/</u>
1988								
All Cattle & Calves ..	45.3	17.3	30.7	6.7	3.5	6.3	32.3	57.9
Beef Cows	60.0	18.2	21.8	<u>1/</u>	14.9	16.8	68.3	<u>1/</u>
1989								
All Cattle & Calves ..	45.3	18.0	30.0	6.7	3.1	6.2	31.0	59.7
Beef Cows	58.0	18.0	24.0	<u>1/</u>	14.0	16.0	70.0	<u>1/</u>
1990								
All Cattle & Calves ..	46.7	17.3	29.3	6.7	3.6	6.2	31.8	58.4
Beef Cows	59.3	18.5	22.2	<u>1/</u>	14.5	16.2	69.3	<u>1/</u>

1/ Not estimated.

Planted acreage, principal crops, Colorado, 1967-91

Year	All wheat 1/	All corn	Barley	Dry beans	All sorghum	Sugar beets	Oats	All hay	Potatoes	Rye	Vege- tables	Total 2/ 3/
Thousand Acres												
1967	3,158	510	279	184	615	135.8	114	...	47.0	63	32	6,537.8
1968	2,920	519	280	228	583	179.2	135	...	48.8	82	35	6,490.0
1969	2,684	600	326	235	556	204.0	171	...	52.4	134	29.7	6,572.1
1970	2,493	661	328	242	463	159.0	210	...	51.3	184	28.3	6,379.6
1971	2,373	755	362	211	550	148.6	150	...	44.0	220	26.5	6,280.1
1972	2,474	740	291	211	535	152.5	130	...	39.5	75	26.3	6,139.3
1973	2,731	795	289	193	440	122.8	130	...	37.7	71	26.5	6,375.0
1974	3,097	795	252	182	470	128.6	115	...	41.2	35	27.3	6,543.1
1975	3,074	810	245	205	510	162.7	110	...	40.4	21	24.1	6,667.2
1976	3,150	895	275	180	505	124.0	114	...	44.6	35	24.9	6,827.5
1977	3,030	970	300	165	475	77.0	115	...	44.0	30	26.3	6,647.3
1978	3,038	1,015	260	175	500	89.0	121	...	48.5	30	27.8	6,774.3
1979	3,245	1,015	295	175	490	76.0	115	...	47.1	20	28.4	7,046.5
1980	3,554	970	265	220	490	94.0	100	...	43.0	10	26.2	7,272.2
1981	3,511	960	284	230	455	80.0	74	...	47.5	15	26.8	7,033.3
1982	3,350	980	225	190	385	50.0	90	...	52.5	17	19.8	6,719.3
1983	3,865	780	232	155	295	42.0	115	...	54.0	12	20.9	7,040.9
1984	3,875	840	350	195	500	48.3	130	...	60.8	15	23.8	7,467.9
1985	3,774	875	360	210	370	2.9	115	...	64.1	13	25.4	7,254.4
1986	3,360	820	390	191	380	37.8	90	...	63.9	15	21.8	6,779.5
1987	3,160	800	230	185	400	37.4	100	...	67.5	18	23.4	6,521.3
1988	2,554	910	185	160	270	39.1	110	...	66.2	18	24.5	5,986.8
1989	2,775	1,050	190	195	400	40.6	95	...	68.8	25	22.9	6,362.3
1990	2,742	950	155	245	270	40.8	90	...	72.8	15	23.2	6,153.8
1991	2,638	950	140	180	320	40.7	88	...	78.0	15	24.3	6,037.0

1/ Planted for harvest in year shown. Winter wheat sown fall preceding year.

2/ Includes harvested acres for all hay.

3/ Includes all sunflowers beginning in 1991 with 63 thousand acres.

Harvested acreage, principal crops, Colorado, 1967-91

Year	All wheat	All corn	Barley	Dry beans	All sorghum	Sugar beets	Oats	All hay	Potatoes	Rye	Vege- tables	Total 1/
Thousand Acres												
1967	1,834	483	227	179	555	127.6	60	1,400	46.4	12	28	4,952.0
1968	1,878	500	240	222	540	168.2	71	1,480	48.0	16	31	5,194.2
1969	1,962	573	277	222	530	180.7	93	1,580	49.0	38	26.6	5,531.3
1970	2,095	648	310	235	432	145.2	128	1,560	50.3	82	25.6	5,711.1
1971	2,132	726	315	200	495	138.9	57	1,440	43.1	86	23.6	5,656.6
1972	2,165	726	239	192	490	133.8	37	1,465	38.6	12	23.8	5,522.2
1973	2,605	777	268	188	420	113.7	46	1,539	37.0	15	23.4	6,032.1
1974	2,900	785	200	177	425	125.7	31	1,400	40.6	6	24.0	6,114.3
1975	2,498	801	230	200	470	154.9	42	1,465	39.7	4	22.1	5,926.7
1976	2,440	883	245	175	445	121.0	50	1,480	43.8	7	22.8	5,912.6
1977	2,576	950	250	140	455	72.0	31	1,415	43.3	4	22.7	5,959.0
1978	2,523	990	230	160	465	84.0	40	1,470	47.8	5	25.4	6,040.2
1979	2,641	1,005	275	165	460	73.0	50	1,540	46.4	3	26.4	6,284.8
1980	3,400	959	245	215	465	91.0	33	1,500	42.3	2	24.4	6,976.7
1981	3,108	950	270	225	425	77.0	26	1,350	46.8	3	24.9	6,505.7
1982	2,958	970	215	185	366	46.0	40	1,360	51.9	2	17.7	6,211.6
1983	3,063	771	220	150	285	37.2	42	1,470	53.3	2	19.4	6,112.9
1984	3,270	838	325	190	478	44.2	50	1,430	60.1	1	22.6	6,708.9
1985	3,522	874	340	205	353	2.5	55	1,445	63.4	2	23.9	6,885.8
1986	2,955	805	350	185	319	37.2	40	1,410	63.9	2	20.1	6,187.2
1987	2,555	795	220	180	228	37.0	50	1,500	66.3	3	22.2	5,656.5
1988	2,352	905	175	155	202	38.6	60	1,650	65.6	6	23.0	5,632.2
1989	2,270	1,045	160	185	350	40.0	55	1,500	68.2	4	22.3	5,699.5
1990	2,590	947	150	225	240	40.0	45	1,550	72.2	3	22.4	5,884.6
1991	2,336	945	130	170	292	40.2	30	1,500	74.9	3	23.0	5,604.1

1/ Includes all sunflowers beginning in 1991 with 60 thousand acres.

Field Crops: Acreage, production and value, Colorado, 1975-91

Year	Acreage		Yield per acre		Production	Value per unit	Total value	
	Planted	Harvested	Planted	Harvested				
All Wheat	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars	
	3,074	2,498	18.4	22.6	56,499	3.24	183,048	
	3,150	2,440	17.0	21.9	53,440	2.36	126,284	
	3,030	2,576	18.9	22.3	57,374	2.12	121,888	
	3,038	2,523	19.5	23.5	59,283	2.81	166,303	
	3,245	2,641	21.6	26.6	70,224	3.53	247,786	
	3,554	3,400	31.0	32.4	110,300	3.70	407,769	
	3,511	3,108	25.0	28.3	87,877	3.58	314,758	
	3,350	2,958	25.4	28.7	84,984	3.35	284,547	
	3,865	3,063	31.6	39.9	122,103	3.24	395,260	
	3,875	3,270	29.7	35.2	115,020	3.19	366,549	
	3,774	3,522	36.9	39.6	139,302	2.77	386,517	
	3,360	2,955	28.7	32.6	96,430	2.26	217,730	
	3,160	2,555	30.8	38.1	97,380	2.51	244,751	
	2,554	2,352	31.1	33.8	79,540	3.69	293,248	
	2,775	2,270	22.4	27.4	62,100	3.66	227,401	
	2,742	2,590	31.7	33.6	86,950	2.46	214,235	
	2,638	2,336	28.1	31.7	74,000	3.30	243,930	
	Winter Wheat	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
		3,040	2,470	18.5	22.5	55,575	3.24	180,063
		3,100	2,400	16.5	21.5	51,600	2.36	121,776
		3,000	2,550	18.5	22.0	56,100	2.12	118,932
		3,000	2,490	19.0	23.0	57,270	2.81	160,929
		3,200	2,600	21.0	26.0	67,600	3.53	238,628
		3,500	3,350	30.5	32.0	107,200	3.70	396,640
		3,450	3,050	24.5	27.5	83,875	3.59	301,111
		3,300	2,910	24.5	28.0	81,480	3.34	272,143
		3,800	3,000	31.0	39.0	117,000	3.23	377,910
		3,800	3,200	29.0	34.5	110,400	3.18	351,072
		3,700	3,450	36.5	39.0	134,550	2.76	371,358
		3,300	2,900	28.0	32.0	92,800	2.25	208,800
		3,100	2,500	30.0	37.5	93,750	2.51	235,313
		2,500	2,300	30.5	33.0	75,900	3.69	280,071
		2,700	2,200	21.0	26.0	57,200	3.68	210,496
		2,700	2,550	31.0	33.0	84,150	2.47	207,851
		2,600	2,300	27.5	31.0	71,300	3.30	235,290
Spring Wheat		1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
		34	28	27.0	33.0	924	3.23	2,985
		50	40	37.0	46.0	1,840	2.45	4,508
		30	26	42.5	49.0	1,274	2.32	2,956
		38	33	53.0	61.0	2,013	2.67	5,375
		45	41	58.5	64.0	2,624	3.49	9,158
		54	50	57.5	62.0	3,100	3.59	11,129
		61	58	65.5	69.0	4,002	3.41	13,647
		50	48	70.0	73.0	3,504	3.54	12,404
		65	63	78.5	81.0	5,103	3.40	17,350
		75	70	61.5	66.0	4,620	3.35	15,477
		74	72	64.0	66.0	4,752	3.19	15,159
		60	55	60.5	66.0	3,630	2.46	8,930
		60	55	60.5	66.0	3,630	2.60	9,438
		54	52	67.5	70.0	3,640	3.62	13,177
		75	70	65.5	70.0	4,900	3.45	16,905
		42	40	66.5	70.0	2,800	2.28	6,384
		38	36	71.0	75.0	2,700	3.20	8,640

Field Crops: Acreage, production and value, Colorado, 1975-91

Year	Acreage		Yield per acre		Production	Value per unit	Total value	
	Planted	Harvested	Planted	Harvested				
	Corn for Grain 1/							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars	
	810	560	2/	92.0	51,520	2.62	134,982	
	895	630	2/	102.0	64,260	2.13	136,874	
	970	695	2/	116.0	80,620	1.94	156,403	
	1,015	730	2/	110.0	80,300	2.26	181,478	
	1,015	760	2/	127.0	96,520	2.55	246,126	
	970	760	2/	118.0	89,680	3.06	274,421	
	960	770	2/	135.0	103,950	2.50	259,875	
	980	790	2/	129.0	101,910	2.75	280,253	
	780	610	2/	122.0	74,420	3.17	235,911	
	840	680	2/	134.0	91,120	2.66	242,379	
	875	745	2/	139.0	103,555	2.37	245,425	
	820	710	2/	145.0	102,950	1.60	164,720	
	800	690	2/	155.0	106,950	1.95	208,553	
	910	800	2/	160.0	128,000	2.54	325,120	
	1,050	930	2/	145.0	134,850	2.32	312,852	
	950	830	2/	155.0	128,650	2.36	303,614	
	950	840	2/	153.0	128,520	2.45	314,874	
		Corn for Silage 1/						
		1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
		810	236	2/	17.0	4,012	19.50	78,234
		895	243	2/	19.0	4,617	18.00	83,106
		970	248	2/	18.0	4,464	15.00	66,960
		1,015	254	2/	19.0	4,826	15.50	74,803
		1,015	240	2/	20.0	4,800	18.00	86,400
		970	193	2/	18.5	3,571	21.00	74,991
		960	176	2/	20.5	3,608	19.60	70,717
		980	178	2/	21.5	3,827	19.10	73,096
		780	160	2/	21.0	3,360	21.60	72,576
		840	157	2/	22.0	3,454	21.70	74,952
		875	128	2/	23.0	2,944	20.00	58,880
		820	95	2/	22.0	2,090	16.40	34,276
		800	105	2/	22.0	2,310	15.30	35,343
		910	105	2/	23.0	2,415	22.20	53,613
		1,050	115	2/	22.0	2,530	21.30	53,889
		950	117	2/	22.5	2,633	21.60	56,873
950		105	2/	22.0	2,310	20.00	46,200	
		Barley						
		1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
		245	230	50.0	53.0	12,190	2.64	32,182
		275	245	49.0	55.0	13,475	2.17	29,241
		300	250	47.5	57.0	14,250	2.35	33,488
		260	230	55.0	62.0	14,260	2.31	32,941
		295	275	63.5	68.0	18,700	2.39	44,693
		265	245	60.0	65.0	15,925	2.87	45,705
		284	270	59.0	62.0	16,740	2.81	47,039
		225	215	70.5	74.0	15,910	2.96	47,094
		232	220	71.0	75.0	16,500	2.97	49,005
		350	325	57.5	62.0	20,150	2.61	52,592
		360	340	60.5	64.0	21,760	2.60	56,576
		390	350	55.5	62.0	21,700	2.15	46,655
		230	220	61.0	64.0	14,080	2.56	36,045
		185	175	63.5	67.0	11,725	3.01	35,292
		190	160	64.0	76.0	12,160	3.28	39,885
		155	150	77.5	80.0	12,000	3.06	36,720
	140	130	74.5	80.0	10,400	3.00	31,200	

^{1/} "Planted acres" for corn pertain to acreage planted for all purposes.

^{2/} Not available.

Field Crops: Acreage, production and value, Colorado, 1975-91

Year	Acreage		Yield per acre		Production	Value per unit	Total value	
	Planted	Harvested	Planted	Harvested				
Sorghum for Grain 1/	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars	
	510	290	2/	26.0	7,540	2.34	17,644	
	505	259	2/	28.0	7,252	1.76	12,764	
	475	285	2/	31.0	8,835	1.82	16,080	
	500	340	2/	31.0	10,540	1.76	18,550	
	490	340	2/	38.0	12,920	2.16	27,907	
	490	350	2/	35.0	12,250	2.94	36,015	
	455	365	2/	33.0	12,045	2.23	26,860	
	385	310	2/	33.0	10,230	2.58	26,393	
	295	240	2/	29.0	6,960	2.79	19,418	
	500	430	2/	37.0	15,910	2.36	37,548	
	370	320	2/	35.0	11,200	2.03	22,736	
	380	300	2/	39.0	11,700	1.42	16,614	
	400	210	2/	43.0	9,030	1.84	16,615	
	270	180	2/	46.0	8,280	2.25	18,630	
	400	325	2/	35.0	11,375	2.20	25,025	
	270	220	2/	47.0	10,340	2.09	21,611	
	320	270	2/	40.0	10,800	2.21	23,868	
	Sorghum for Silage 1/	1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
		510	23	2/	7.0	161	17.50	2,818
		505	21	2/	11.0	231	16.30	3,765
		475	20	2/	7.0	140	14.30	2,002
		500	23	2/	11.0	253	15.00	3,795
		490	25	2/	13.0	325	16.50	5,363
		490	22	2/	15.0	330	19.00	6,270
		455	28	2/	13.0	364	18.00	6,552
		385	28	2/	11.0	308	18.70	5,760
		295	20	2/	13.0	260	21.80	5,668
		500	22	2/	11.0	242	19.30	4,671
		370	18	2/	16.0	288	13.70	3,946
		380	19	2/	13.0	247	12.20	3,013
		400	18	2/	15.0	270	12.60	3,402
		270	22	2/	13.0	286	17.00	4,862
		400	25	2/	14.0	350	18.00	6,300
		270	20	2/	13.0	260	19.50	5,070
		320	22	2/	15.0	330	18.50	6,105
Oats		1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
		110	42	18.5	49.0	2,058	1.85	3,807
		114	50	21.5	49.0	2,450	1.40	3,430
		115	31	13.0	47.5	1,473	.96	1,414
		121	40	15.5	47.0	1,880	1.40	2,632
		115	50	23.0	53.0	2,650	1.60	4,240
		100	33	17.0	51.0	1,683	2.30	3,871
		74	26	17.5	50.0	1,300	2.30	2,990
		90	40	23.0	52.0	2,080	1.80	3,744
		115	42	21.0	57.0	2,394	1.90	4,549
		130	50	21.0	55.0	2,750	1.85	5,088
		115	55	25.5	53.0	2,915	1.60	4,664
		90	40	24.5	55.0	2,200	1.40	3,080
		100	50	27.0	54.0	2,700	1.60	4,320
		110	60	27.5	50.0	3,000	2.45	7,350
		95	55	32.0	55.0	3,025	1.45	4,386
		90	45	25.0	50.0	2,250	1.70	3,825
		88	30	20.5	60.0	1,800	1.60	2,880

1/ "Planted acres" for sorghum pertains to acreage planted for all purposes.

2/ Not available.

Field Crops: Acreage, production and value, Colorado, 1975-91

Year	Acreage		Yield per acre		Production	Value per unit	Total value		
	Planted	Harvested	Planted	Harvested					
All Potatoes	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars		
	1975	40.4	39.7	260	264	10,485	3.81	40,011	
	1976	44.6	43.8	252	257	11,245	2.68	30,006	
	1977	44.0	43.3	257	261	11,292	2.88	32,519	
	1978	48.5	47.8	268	272	13,009	2.34	30,310	
	1979	47.1	46.4	284	288	13,353	2.91	38,819	
	1980	43.0	42.3	292	297	12,545	6.70	84,296	
	1981	47.5	46.8	284	289	13,504	4.70	63,451	
	1982	52.5	51.9	278	282	14,619	3.65	53,320	
	1983	54.0	53.3	293	297	15,820	6.25	99,098	
	1984	60.8	60.1	316	320	19,213	4.75	90,931	
	1985	64.1	63.4	314	318	20,140	2.50	49,533	
	1986	63.9	63.9	327	327	20,880	4.40	91,422	
	1987	67.5	66.3	316	322	21,359	2.10	44,164	
	1988	66.2	65.6	316	319	20,901	7.15	149,993	
	1989	68.8	68.2	331	334	22,747	8.10	184,899	
	1990	72.8	72.2	343	345	24,874	4.65	115,681	
	1991	78.0	74.9	331	345	25,836	2.65	68,286	
	Fall Potatoes	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars	
		1975	33.0	32.5	261	265	8,613	3.95	34,021
		1976	37.0	36.3	250	255	9,257	2.55	23,605
		1977	37.0	36.5	256	260	9,490	2.80	26,572
		1978	41.5	41.0	272	275	11,275	2.15	24,241
		1979	40.0	39.5	286	290	11,455	2.90	33,220
		1980	37.0	36.5	296	300	10,950	7.05	77,198
		1981	40.5	40.0	286	290	11,600	4.60	53,360
		1982	45.5	45.0	282	285	12,825	3.50	44,888
		1983	47.0	46.5	297	300	13,950	6.40	89,280
		1984	53.5	53.0	322	325	17,225	4.65	80,096
		1985	56.5	56.0	317	320	17,920	2.25	40,320
		1986	57.0	57.0	330	330	18,810	4.20	79,002
		1987	61.0	60.0	320	325	19,500	1.75	34,125
		1988	60.0	59.5	317	320	19,040	7.35	139,944
		1989	62.0	61.5	332	335	20,603	8.35	172,035
		1990	65.5	65.0	347	350	22,750	4.45	101,238
		1991	71.0	68.0	335	350	23,800	2.45	58,310
		Summer Potatoes	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1975			7.4	7.2	253	260	1,872	3.20	5,990
1976			7.6	7.5	262	265	1,988	3.22	6,401
1977			7.0	6.8	257	265	1,802	3.30	5,947
1978			7.0	6.8	248	255	1,734	3.50	6,069
1979			7.1	6.9	267	275	1,898	2.95	5,599
1980			6.0	5.8	266	275	1,595	4.45	7,098
1981			7.0	6.8	272	280	1,904	5.30	10,091
1982			7.0	6.9	256	260	1,794	4.70	8,432
1983			7.0	6.8	267	275	1,870	5.25	9,818
1984			7.3	7.1	272	280	1,988	5.45	10,835
1985			7.6	7.4	292	300	2,220	4.15	9,213
1986			6.9	6.9	300	300	2,070	6.00	12,420
1987			6.5	6.3	286	295	1,859	5.40	10,039
1988			6.2	6.1	300	305	1,861	5.40	10,049
1989			6.8	6.7	315	320	2,144	6.00	12,864
1990			7.3	7.2	291	295	2,124	6.80	14,443
1991			7.0	6.9	291	295	2,036	4.90	9,976

Field Crops: Acreage, production and value, Colorado, 1975-91

Year	Acreage		Yield per acre		Production	Value per unit	Total value	
	Planted	Harvested	Planted	Harvested				
Dry Beans 1/	1,000 Acres	1,000 Acres	Pounds	Pounds	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars	
	205	200	880	900	1,800	15.50	27,900	
	180	175	950	980	1,715	11.70	20,066	
	165	140	720	850	1,190	19.00	22,610	
	175	160	930	1,020	1,632	17.00	27,744	
	175	165	950	1,010	1,667	26.60	44,342	
	220	215	1,060	1,080	2,322	28.70	66,641	
	230	225	1,340	1,370	3,083	14.80	45,628	
	190	185	1,120	1,150	2,128	11.70	24,898	
	155	150	1,080	1,120	1,680	18.40	30,912	
	195	190	1,230	1,260	2,394	16.70	39,980	
	210	205	1,330	1,360	2,788	17.20	47,954	
	191	185	1,450	1,500	2,775	15.20	42,180	
	185	180	1,450	1,490	2,682	14.60	39,157	
	160	155	1,600	1,650	2,558	31.20	79,810	
	195	185	1,590	1,680	3,108	30.40	94,483	
	245	225	1,740	1,900	4,275	15.90	67,973	
	180	170	1,840	1,950	3,315	13.00	43,095	
	Sugar Beets	1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
		162.7	154.9	16.4	17.2	2,661	28.70	76,371
		124.0	121.0	18.6	19.0	2,303	21.10	48,593
		77.0	72.0	18.2	19.5	1,404	26.30	36,925
		89.0	84.0	17.3	18.3	1,538	27.60	42,449
		76.0	73.0	17.9	18.6	1,358	34.10	46,308
		94.0	91.0	18.4	19.0	1,729	47.50	82,128
		80.0	77.0	21.7	22.5	1,733	33.80	58,575
		50.0	46.0	18.4	20.0	920	35.00	32,200
		42.0	37.2	14.4	16.2	603	33.40	20,140
		48.3	44.2	20.0	21.8	964	22.40	21,594
		2.9	2.5	15.9	18.4	46	27.40	1,260
		37.8	37.2	23.5	23.9	889	32.90	29,248
		37.4	37.0	21.5	21.7	803	35.40	28,426
		39.1	38.6	22.5	22.8	880	42.10	37,048
		40.6	40.0	22.5	22.8	912	43.70	39,854
		40.8	40.0	23.1	23.6	944	39.80	37,571
		40.7	40.2	23.7	24.0	965	2/	2/
Rye		1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
		21	4	4.0	22.0	88	2.28	201
		35	7	4.5	23.0	161	2.10	338
		30	4	2.5	20.0	80	1.60	128
		30	5	3.5	21.0	105	1.45	152
		20	3	3.0	20.0	60	2.35	141
		10	2	4.0	20.0	40	2.60	104
		15	3	4.0	19.5	59	3.05	180
		17	2	2.0	19.0	38	2.25	86
		12	2	3.0	19.0	38	2.05	78
		15	1	1.0	17.0	17	1.65	28
		13	2	3.5	22.0	44	1.95	86
		15	2	3.0	21.0	42	1.15	48
		18	3	4.0	24.0	72	1.25	90
		18	6	8.5	25.0	150	2.15	323
		25	4	3.0	20.0	80	1.65	132
		15	3	5.5	28.0	84	1.70	143
		15	3	5.0	26.0	78	1.90	148

1/ Yield, production, and value on clean basis.

2/ Not available.

Field Crops: Acreage, production and value, Colorado, 1975-91

	Acreage harvested	Yield per acre	Production	Value per ton	Total value
All Hay					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1975	1,465	2.03	2,972	54.00	160,488
1976	1,480	2.11	3,126	56.00	175,056
1977	1,415	2.04	2,890	56.00	161,840
1978	1,470	2.20	3,228	50.00	161,400
1979	1,540	2.32	3,574	53.00	189,422
1980	1,500	2.18	3,276	64.50	211,302
1981	1,350	2.30	3,105	65.00	201,825
1982	1,360	2.34	3,176	66.00	209,616
1983	1,470	2.28	3,357	68.50	229,955
1984	1,430	2.32	3,311	72.00	238,392
1985	1,445	2.52	3,644	57.50	209,530
1986	1,410	2.58	3,642	58.00	211,236
1987	1,500	2.70	4,044	62.00	250,728
1988	1,650	2.40	3,957	82.00	324,474
1989	1,500	2.30	3,450	91.50	315,450
1990	1,550	2.45	3,805	80.50	303,953
1991	1,500	2.71	4,062	71.00	287,739
Alfalfa Hay					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1975	765	2.65	2,027	54.10	109,647
1976	775	2.85	2,209	56.30	124,346
1977	745	2.80	2,086	55.40	115,610
1978	780	2.90	2,262	50.10	113,293
1979	790	3.10	2,449	53.30	130,584
1980	780	3.00	2,340	63.90	149,526
1981	740	3.00	2,220	64.60	143,415
1982	710	3.10	2,201	66.50	146,241
1983	720	3.10	2,232	70.50	157,392
1984	770	3.10	2,387	74.00	176,484
1985	820	3.30	2,706	58.00	157,000
1986	770	3.40	2,618	58.80	153,892
1987	830	3.50	2,905	62.40	181,249
1988	780	3.40	2,652	85.70	227,252
1989	750	3.20	2,400	92.50	222,000
1990	740	3.50	2,590	81.00	209,790
1991	720	3.80	2,736	71.00	194,256
All Other Hay ^{1/}					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1975	700	1.35	945	53.80	50,841
1976	705	1.30	917	55.30	50,710
1977	670	1.20	804	57.50	46,230
1978	690	1.40	966	49.80	48,107
1979	750	1.50	1,125	52.30	58,838
1980	720	1.30	936	66.00	61,776
1981	610	1.45	885	66.00	58,410
1982	650	1.50	975	65.00	63,375
1983	750	1.50	1,125	64.50	72,563
1984	660	1.40	924	67.00	61,908
1985	625	1.50	938	56.00	52,530
1986	640	1.60	1,024	56.00	57,344
1987	670	1.70	1,139	61.00	69,479
1988	870	1.50	1,305	74.50	97,222
1989	750	1.40	1,050	89.00	93,450
1990	810	1.50	1,215	77.50	94,163
1991	780	1.70	1,326	70.50	93,483

^{1/} Includes wild, millet, sudan, clover & timothy, grain, and other miscellaneous tame hays.

Field Crops: Acreage and production by cropping practice, Colorado, 1981-91

Year	Irrigated			Non-irrigated			Total	
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Production
All Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	191.0	54.0	10,275	2,917.0	26.5	77,602	3,108	87,877
1982	210.5	58.5	12,347	2,747.5	26.5	72,637	2,958	84,984
1983	243.0	65.0	15,829	2,820.0	37.5	106,274	3,063	122,103
1984	271.5	63.5	17,302	2,998.5	32.5	97,718	3,270	115,020
1985	245.5	67.5	16,578	3,276.5	37.5	122,724	3,522	139,302
1986	229.0	58.0	13,335	2,726.0	30.5	83,095	2,955	96,430
1987	242.0	57.5	13,963	2,313.0	36.0	83,417	2,555	97,380
1988	205.0	59.5	12,150	2,147.0	31.5	67,390	2,352	79,540
1989	188.7	54.0	10,196	2,081.3	25.0	51,904	2,270	62,100
1990	181.5	61.0	11,040	2,408.5	31.5	75,910	2,590	86,950
1991	147.0	61.5	9,048	2,189.0	29.5	64,952	2,336	74,000
Winter Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	145.0	45.0	6,525	2,905.0	26.5	77,350	3,050	83,875
1982	170.0	53.0	9,005	2,740.0	26.5	72,475	2,910	81,480
1983	190.0	57.5	10,960	2,810.0	37.5	106,040	3,000	117,000
1984	220.0	59.5	13,130	2,980.0	32.5	97,270	3,200	110,400
1985	193.0	63.0	12,196	3,257.0	37.5	122,354	3,450	134,550
1986	188.0	53.0	9,983	2,712.0	30.5	82,817	2,900	92,800
1987	200.0	53.0	10,600	2,300.0	36.0	83,150	2,500	93,750
1988	160.0	54.0	8,640	2,140.0	31.5	67,260	2,300	75,900
1989	130.0	42.0	5,460	2,070.0	25.0	51,740	2,200	57,200
1990	150.0	56.0	8,400	2,400.0	31.5	75,750	2,550	84,150
1991	120.0	55.0	6,600	2,180.0	29.5	64,700	2,300	71,300
Spring Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	46.0	81.5	3,750	12.0	21.0	252	58	4,002
1982	40.5	82.5	3,342	7.5	21.5	162	48	3,504
1983	53.0	92.0	4,869	10.0	23.5	234	63	5,103
1984	51.5	81.0	4,172	18.5	24.0	448	70	4,620
1985	52.5	83.5	4,382	19.5	19.0	370	72	4,752
1986	41.0	82.0	3,352	14.0	20.0	278	55	3,630
1987	42.0	80.0	3,363	13.0	20.5	267	55	3,630
1988	45.0	78.0	3,510	7.0	18.5	130	52	3,640
1989	58.7	80.5	4,736	11.3	14.5	164	70	4,900
1990	31.5	84.0	2,640	8.5	19.0	160	40	2,800
1991	27.0	90.5	2,448	9.0	28.0	252	36	2,700
Barley								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	211	71.5	15,088	59	28.0	1,652	270	16,740
1982	183	81.0	14,854	32	33.0	1,056	215	15,910
1983	169	87.0	14,665	51	36.0	1,835	220	16,500
1984	195	84.0	16,410	130	29.0	3,740	325	20,150
1985	184	87.5	16,144	156	36.0	5,616	340	21,760
1986	175	88.5	15,485	175	35.5	6,215	350	21,700
1987	129	81.5	10,531	91	39.0	3,549	220	14,080
1988	111	87.0	9,680	64	32.0	2,045	175	11,725
1989	117	92.5	10,827	43	31.0	1,333	160	12,160
1990	126	90.0	11,350	24	27.0	650	150	12,000
1991	112	88.5	9,890	18	28.5	510	130	10,400

Field Crops: Acreage and production by cropping practice, Colorado, 1981-91

Year	Irrigated			Non-irrigated			Total	
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Production
Corn for Grain								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	747	138.0	103,099	23	37.0	851	770	103,950
1982	770	131.0	100,950	20	48.0	960	790	101,910
1983	590	125.0	73,650	20	38.5	770	610	74,420
1984	660	137.0	90,420	20	35.0	700	680	91,120
1985	721	142.5	102,691	24	36.0	864	745	103,555
1986	682	149.0	101,774	28	42.0	1,176	710	102,950
1987	670	158.0	105,950	20	50.0	1,000	690	106,950
1988	778	163.0	126,793	22	55.0	1,207	800	128,000
1989	902	148.0	133,310	28	55.0	1,540	930	134,850
1990	804	158.0	127,150	26	57.5	1,500	830	128,650
1991	807	157.0	126,720	33	54.5	1,800	840	128,520
Sorghum for Grain								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	96	55.0	5,280	269	25.0	6,765	365	12,045
1982	83	66.5	5,500	227	21.0	4,730	310	10,230
1983	62	56.0	3,472	178	19.5	3,488	240	6,960
1984	90	75.5	6,817	340	26.5	9,093	430	15,910
1985	66	72.0	4,752	254	25.5	6,448	320	11,200
1986	65	85.0	5,534	235	26.0	6,166	300	11,700
1987	50	82.5	4,125	160	30.5	4,905	210	9,030
1988	55	77.0	4,235	125	32.5	4,045	180	8,280
1989	75	60.0	4,500	250	27.5	6,875	325	11,375
1990	64	76.0	4,850	156	35.0	5,490	220	10,340
1991	65	60.0	3,900	205	33.5	6,900	270	10,800
Dry Beans ^{1/}								
	1,000 Acres	Pounds	1,000 Cwt.	1,000 Acres	Pounds	1,000 Cwt.	1,000 Acres	1,000 Cwt.
1981	131.0	2,090	2,738	94.0	370	345	225	3,083
1982	111.0	1,600	1,777	74.0	470	351	185	2,128
1983	76.0	1,790	1,358	74.0	440	322	150	1,680
1984	103.0	1,940	2,002	87.0	450	392	190	2,394
1985	131.0	1,930	2,528	74.0	350	260	205	2,788
1986	124.0	2,050	2,543	61.0	380	232	185	2,775
1987	131.0	1,870	2,450	49.0	470	232	180	2,682
1988	124.0	1,950	2,418	31.0	450	140	155	2,558
1989	150.0	2,000	3,003	35.0	300	105	185	3,108
1990	190.0	2,190	4,155	35.0	340	120	225	4,275
1991	140.0	2,260	3,165	30.0	500	150	170	3,315
Oats								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1981	17	61.5	1,046	9	28.0	254	26	1,300
1982	27	64.5	1,744	13	26.0	336	40	2,080
1983	29	66.5	1,926	13	36.0	468	42	2,394
1984	29	65.0	1,887	21	41.0	863	50	2,750
1985	31	64.5	2,003	24	38.0	912	55	2,915
1986	23	68.5	1,576	17	37.0	628	40	2,204
1987	20	65.5	1,310	30	46.5	1,390	50	2,700
1988	26	68.0	1,774	34	36.0	1,226	60	3,000
1989	33	75.0	2,475	22	25.0	550	55	3,025
1990	27	64.5	1,742	18	28.0	508	45	2,250
1991	17	76.5	1,298	13	38.5	502	30	1,800

^{1/} Yield and production, clean basis.

1991 CROP REVIEW

Colorado producers had larger crops in 1991 than they did a year earlier for sorghum for grain and silage, sugar beets, alfalfa and other hay, and fall potatoes. The output from all other crops was smaller than the previous year with the largest decline experienced in winter wheat. Sunflower production estimates were begun in Colorado for the 1991 crop. Fall potato production reached a new record high for the third consecutive year and for the eleventh time in the past 13 years.

Corn for grain was the state's leading crop for the sixth consecutive year. The 1991 output of 128.5 million bushels was just slightly smaller than the 1990 crop of 128.7 million bushels. The 840,000 acres harvested was 10,000 acres above the previous year, but the average yield of 153.0 bushels per acre was 2.0 bushels below the 1990 average. Corn silage production was down 12 percent to 2.3 million tons as a result of fewer acres harvested and slightly lower yields.

The winter wheat crop declined 15 percent from a year earlier to 71.3 million bushels as a result of fewer acres harvested and lower per acre yields. Producers harvested 2.30 million acres of winter wheat in 1991 compared with 2.55 million the previous year. The average yield of 31.0 bushels per acre was 2.0 bushels lower than the 1990 average. Spring wheat production was down 4 percent from a year earlier to 2.7 million bushels. The harvested area was down 10 percent, but increased yields were nearly offsetting.

A 23 percent increase in the sorghum for grain acreage more than offset a 15 percent decline in the average yield, resulting in a total output of 10.8 million bushels compared with 10.3 million bushels in 1990. Producers harvested 270,000 acres and averaged 40.0 bushels per acre in 1991 compared with 220,000 acres and a 47.0 bushels yield average a year earlier. Sorghum silage production increased 27 percent to 330,000 tons as a result of increased acreage and higher yields.

Barley production declined 13 percent from 1990 to 10.4 million bushels in 1991. All of the decline was the result of fewer acres harvested as the average yield of 80.0 bushels per acre was unchanged from the previous year. Oats production was also below the 1990 output as a result of less acreage harvested.

Dry bean production in 1991, at 3.3 million cwt., declined 22 percent from the previous year's record high output of 4.3 million cwt., wholly the result of fewer acres harvested. Producers harvested 170,000 acres in 1991 compared with 225,000 the previous year. The average yield of 19.50 cwt. per acre was a new record high. Sugar

beet production was slightly higher than a year earlier, increasing 2 percent to 965,000 tons as a result of small increases in both acreage and yield.

Sunflower estimates were begun in Colorado with the 1991 crop and the first production forecast was placed at 58.3 million pounds. Of that total, 33.3 million pounds were from oil varieties and 25.0 million pounds were non-oil varieties. Producers harvested 35,000 acres of oil varieties yielding 950 pounds per acre and 25,000 acres of non-oil varieties which averaged 1,000 pounds per acre.

All hay production for 1991 totaled 4.06 million tons, up 7 percent from the 3.81 million tons produced in 1990. Alfalfa production was up 6 percent to 2.74 million tons and other hay production increased 9 percent to 1.33 million tons. The harvested area was below a year earlier for each crop, but higher yields per acre were more than offsetting.

Fall potato production reached yet another record high in 1991, totaling 23.80 million cwt. compared with the previous record high of 22.75 million cwt. in 1990. Both the acreage harvested and the average yield per acre were at record highs. Summer potato production was down 4 percent to 2.04 million cwt. as a result of fewer acres harvested.

Planting activities began in early March and progressed at a near normal pace in spite of numerous spring showers. The cool temperatures slowed emergence of some of the small grains. Wet field conditions also slowed planting progress of some row crops but all crops developed rapidly with the arrival of warmer temperatures. The cool spring caused wheat harvest to begin a little later than usual and hay making was frequently interrupted by rain showers. Late season development of crops was favorable and harvest progressed with no major weather related difficulties.

Winter wheat seedings began in early September and were virtually complete by mid-October. The majority of the wheat entered the winter in good condition and favorable growth. However, frigid temperatures in late October and early November put much of the crop under stress. Winter kill resulted from a lack of winter moisture in some areas while too much snow cover in other areas also resulted in loss of acreage. Abnormally warm temperatures caused the crop to break dormancy early but good moisture had the crop in mostly good to excellent condition by mid-March. A general lack of precipitation during April and May quickly reduced crop potential and further damage to the 1992 crop occurred on May 26 by freezing temperatures in several eastern counties.

Field Crops: Acreage, production and value, Colorado, 1990-91

Year and Crop	Acreage planted	Acreage harvested	Yield per acre	Total production	Unit	Value per unit	Total value
1990	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,742,000	2,590,000	33.6	86,950,000	Bu.	2.46	214,235
Winter wheat	2,700,000	2,550,000	33.0	84,150,000	Bu.	2.47	207,851
Spring wheat	42,000	40,000	70.0	2,800,000	Bu.	2.28	6,384
Corn, all purposes	950,000	...	...	...	...	...	360,487
Corn for grain . . . . .	...	830,000	155.0	128,650,000	Bu.	2.36	303,614
Corn for silage . . . . .	...	117,000	22.5	2,633,000	Tons	21.60	56,873
Sorghum, all purposes	270,000	...	...	...	...	...	26,681
Sorghum for grain . . . . .	...	220,000	47.0	10,340,000	Bu.	2.09	21,611
Sorghum for silage . . . . .	...	20,000	13.0	260,000	Tons	19.50	5,070
Barley	155,000	150,000	80.0	12,000,000	Bu.	3.06	36,720
Oats	90,000	45,000	50.0	2,250,000	Bu.	1.70	3,825
Rye	15,000	3,000	28.0	84,000	Bu.	1.70	143
Dry beans 1/	245,000	225,000	19.00	4,275,000	Cwt.	15.90	67,973
Sugar beets	40,800	40,000	23.6	944,000	Tons	39.80	37,571
All hay . . . . .	...	1,550,000	2.45	3,805,000	Tons	80.50	303,953
Alfalfa hay . . . . .	...	740,000	3.50	2,590,000	Tons	81.00	209,790
All other hay . . . . .	...	810,000	1.50	1,215,000	Tons	77.50	94,163
All potatoes	72,800	72,200	345	24,874,000	Cwt.	4.65	115,681
Summer potatoes	7,300	7,200	295	2,124,000	Cwt.	6.80	14,443
Fall potatoes	65,500	65,000	350	22,750,000	Cwt.	4.45	101,238
Total field crops . . . . .	...	5,862,200	...	...	...	...	1,167,269
1991	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,638,000	2,336,000	31.7	74,000,000	Bu.	3.30	243,930
Winter wheat	2,600,000	2,300,000	31.0	71,300,000	Bu.	3.30	235,290
Spring wheat	38,000	36,000	75.0	2,700,000	Bu.	3.20	8,640
Corn, all purposes	950,000	...	...	...	...	...	361,074
Corn for grain . . . . .	...	840,000	153.0	128,520,000	Bu.	2.45	314,874
Corn for silage . . . . .	...	105,000	22.0	2,310,000	Tons	20.00	46,200
Sorghum, all purposes	320,000	...	...	...	...	...	29,973
Sorghum for grain . . . . .	...	270,000	40.0	10,800,000	Bu.	2.21	23,868
Sorghum for silage . . . . .	...	22,000	15.0	330,000	Tons	18.50	6,105
Barley	140,000	130,000	80.0	10,400,000	Bu.	3.00	31,200
Oats	88,000	30,000	60.0	1,800,000	Bu.	1.60	2,880
Rye	15,000	3,000	26.0	78,000	Bu.	1.90	148
Dry beans 1/	180,000	170,000	19.50	3,315,000	Cwt.	13.00	43,095
Sugar beets	40,700	40,200	24.0	965,000	Tons	3/	3/
All Sunflowers 2/	63,000	60,000	971	58,250,000	Lbs.	9.60 4/	5,585
Oil varieties	37,000	35,000	950	33,250,000	Lbs.	8.00 4/	2,660
Non-Oil varieties	26,000	25,000	1,000	25,000,000	Lbs.	11.70 4/	2,925
All hay . . . . .	...	1,500,000	2.71	4,062,000	Tons	71.00	287,739
Alfalfa hay . . . . .	...	720,000	3.80	2,736,000	Tons	71.00	194,256
All other hay . . . . .	...	780,000	1.70	1,326,000	Tons	70.50	93,483
All potatoes	78,000	74,900	345	25,836,000	Cwt.	2.65	68,286
Summer potatoes	7,000	6,900	295	2,036,000	Cwt.	4.90	9,976
Fall potatoes	71,000	68,000	350	23,800,000	Cwt.	2.45	58,310
Total field crops . . . . .	...	5,581,100	...	...	...	...	1,073,910 5/

1/ Yield, production, price, and value on clean basis.

2/ Estimates begun in 1991.

3/ Not available.

4/ Dollars per hundredweight.

5/ Total excluding sugar beets.

COLORADO WHEAT

"Plains Gold" is a term frequently given to the state's only major food grain crop. Wheat is produced in all sections of the state and is grown in more than 40 of the 63 counties. Prior to the impact of the Conservation Reserve Program (CRP) that was introduced in 1986, the Colorado wheat crop was valued at more than \$380 million and was the largest valued crop commodity in the state. With the CRP removing nearly a million acres of wheat base from production, corn and hay crops have each outranked wheat in terms of the value of production in recent years. The 1991 crop was valued at just over \$200 million. Hard Red Winter Wheat is the dominant class of wheat produced in the state, accounting for more than 95 percent of the total. Hard Red Spring Wheat and White Wheat are the major classes of wheat produced in the San Luis Valley.

Wheat is a very resilient plant and often survives adverse conditions, but Colorado's climate is often the major factor in determining the final crop potential. Planting usually begins about mid-September and seeding times are very critical to obtain just the right amount of growth prior to entering dormancy for the winter months. Early plantings increase the potential for various disease problems and too much fall growth can result in severe stress during the winter. Late plantings do not give sufficient growth for proper root development which also can result in winter stress. If plants have been stressed during the winter, spring time root rot infestations tend to be more severe. The spring sown wheat is usually planted in April and May. Depending on crop development and progress, harvest of winter wheat may begin as early as June 20 in the southeast corner of the state and will continue through mid-July on the Eastern Plains. Winter wheat harvest in the northwestern area normally occurs in August and September. Harvest of spring wheat also begins in August and is normally completed by mid to late September. A common saying in Colorado is, "harvest can occur at any time by the Great White Reaper in the sky". Violent hail storms have been known to precede the mechanical combines by as little as a day to several weeks.

When records began in 1869, Colorado growers harvested just 11,000 acres of all wheat and produced 275,000 bushels of grain. By 1890, the acreage had grown to over 300 thousand acres and more than 5.5 million bushels of production. More than a million acres were harvested each year from 1918 through 1931 but the acreage was sharply reduced during the "Dust Bowl" days of 1932 through 1936. The largest acreage of all wheat ever harvested in the state was in 1985 when 3.45 million acres were cut for grain. The average yield in 1985 equalled the record high of 39.0 bushels per acre set in

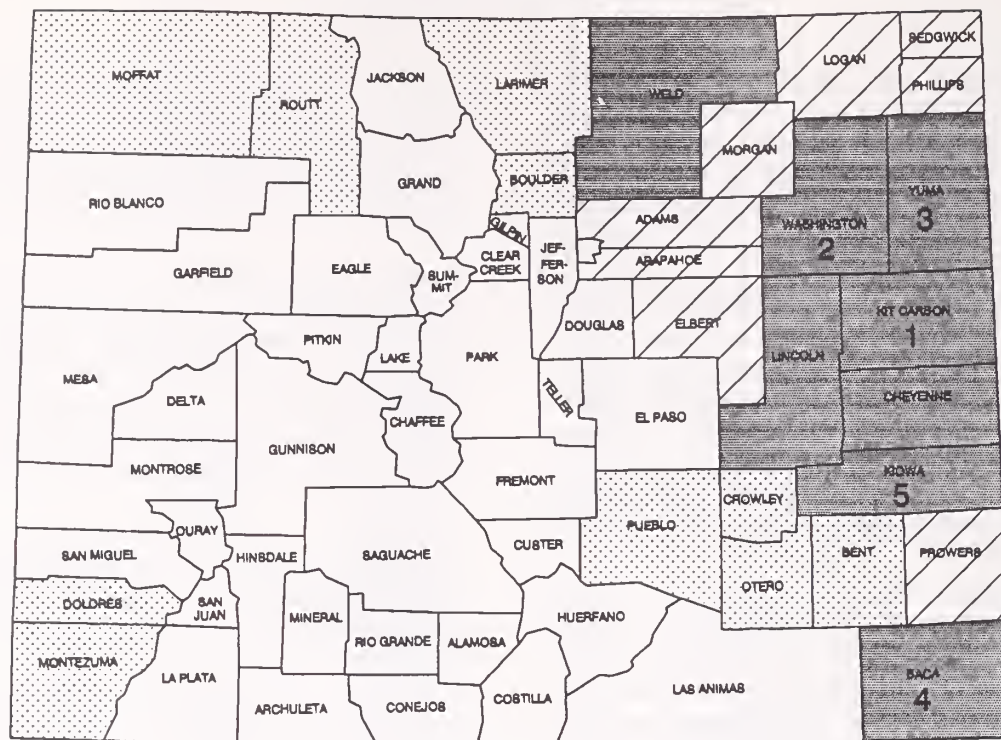
1983. The total crop of 134.6 million bushels produced in 1985 was also the largest wheat crop ever produced in the state. With the introduction of the Conservation Reserve Program (CRP) in 1986, the all wheat acreage has fluctuated around 2.5 million acres harvested.

Exports to foreign nations consistently consumes about 80 percent of Colorado's wheat crop. The state's producers established an early reputation for producing wheat with high milling and baking qualities. Current producers are maintaining that tradition through the efforts of the Colorado Wheat Administrative Committee (CWAC) and the Colorado Association of Wheat Growers (CAWG).

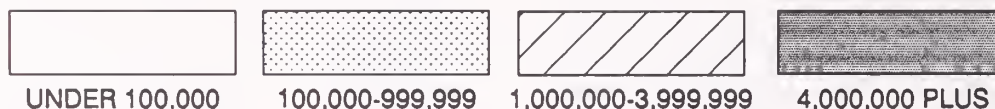
The CWAC is a producer elected board of control which administers the "Colorado Wheat Marketing Order" that was initially approved by a referendum of Colorado wheat producers in 1958. Funding for the CWAC is provided by a producer assessment of one cent per bushel which is collected by the first handler. The assessment funds can be used only for promotion, education, and research activities related to wheat. The CWAC has been successful in increasing public awareness in the nutritional value of wheat and in the expansion of wheat sales to foreign countries. Numerous committees within the CWAC keep up-to-date on such topics as transportation, domestic marketing and utilization, international marketing, research, and promotion as they affect the production and marketing of wheat. Since 1968, the CWAC has provided continuous financial support to the breeding program at Colorado State University. There, new wheat varieties are developed, field tested in experimental plots on producer's fields and at CSU Research Centers, and selected for release to the state's producers based on yield, maturity, height, disease and insect resistance, winter hardiness, and milling and baking qualities. The most recent priority has been focused on the development of an aphid resistant wheat variety.

The CAWG was first organized in the early 40's, but a lack of funds after World War II caused a cessation of activities until July 1950 when the organization was re-organized and incorporated. The principal goals of the CAWG are to promote, protect, and safeguard the wheat growing industry in Colorado; to aid and encourage research, education, publicity, and marketing; and to promote good farming practices and encourage soil conservation. The CAWG has a long record of major accomplishments in meeting their goals and, through interaction with the National Association of Wheat Growers (NAWG), responding to the many challenges to both the state and national wheat industry. Funding for the CAWG is provided by membership dues.

Winter Wheat: Production by County, Colorado, 1991 with Ranking of First Five Counties



BUSHEL



Winter Wheat: Acreage and production by district, Colorado, 1990-91

District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain.	29,000	...	...	...	28,000	24.0	670,000	28,000	24.0	670,000
Northeast	516,000	30,000	61.5	1,840,000	460,000	31.0	14,260,000	490,000	33.0	16,100,000
East Central	1,760,000	63,000	53.0	3,340,000	1,612,000	32.5	52,650,000	1,675,000	33.5	55,990,000
Southwest	35,000	2,000	70.0	140,000	31,000	12.0	370,000	33,000	15.5	510,000
San Luis Valley . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	360,000	55,000	56.0	3,080,000	269,000	29.0	7,800,000	324,000	33.5	10,880,000
State Total	2,700,000	150,000	56.0	8,400,000	2,400,000	31.5	75,750,000	2,550,000	33.0	84,150,000
1991	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain	33,000	...	...	...	28,000	27.5	770,000	28,000	27.5	770,000
Northeast	495,000	23,000	59.5	1,365,000	412,000	28.0	11,535,000	435,000	29.5	12,900,000
East Central	1,689,000	52,000	54.0	2,810,000	1,443,000	31.0	44,975,000	1,495,000	32.0	47,785,000
Southwest	38,000	3,000	66.5	200,000	29,000	15.5	450,000	32,000	20.5	650,000
San Luis Valley . . . . .	...	...	...	...	...	...	...	...	...	...
Southeast	345,000	42,000	53.0	2,225,000	268,000	26.0	6,970,000	310,000	29.5	9,195,000
State Total	2,600,000	120,000	55.0	6,600,000	2,180,000	29.5	64,700,000	2,300,000	31.0	71,300,000

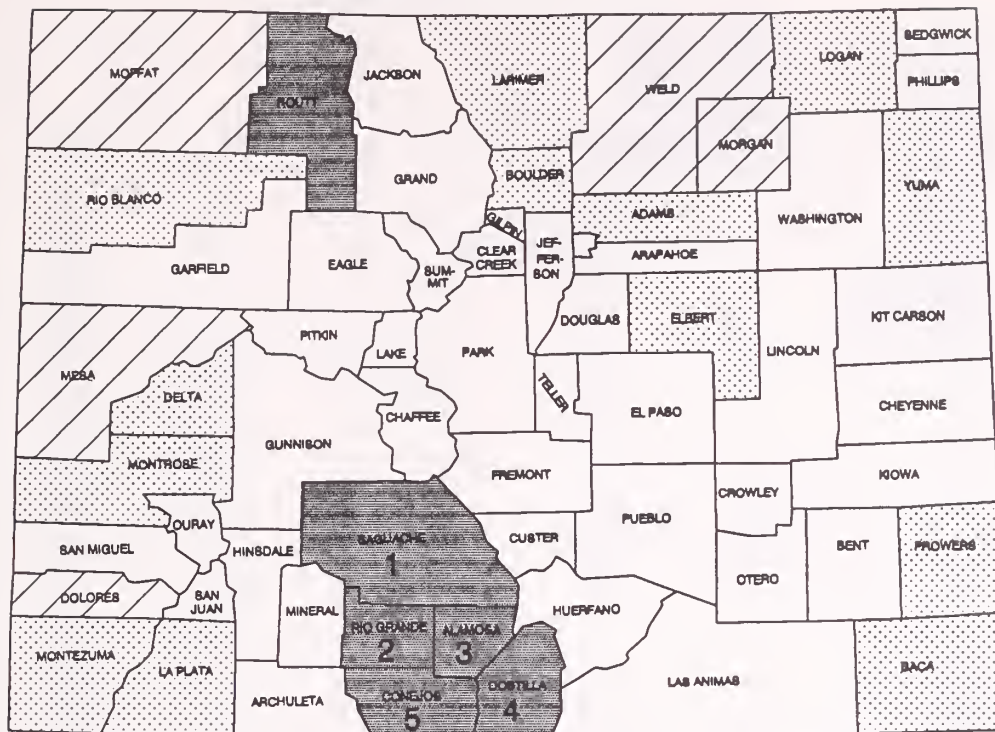
Winter Wheat: Acreage and production by county, Colorado, 1990

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	165,000	2,400	56.5	135,000	154,600	25.5	3,940,000	157,000	26.0	4,075,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Arapahoe	88,000	200	40.0	8,000	82,800	23.0	1,900,000	83,000	23.0	1,908,000
Archuleta	100	...	...	...	100	15.0	1,500	100	15.0	1,500
Baca	198,000	32,000	56.5	1,800,000	156,000	30.5	4,735,000	188,000	35.0	6,535,000
Bent	9,500	4,000	54.0	215,000	4000	20.0	80,000	8,000	37.0	295,000
Boulder	3,500	700	54.5	38,000	2,600	22.0	57,000	3,300	29.0	95,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	191,000	6,000	50.0	300,000	174,000	31.5	5,480,000	180,000	32.0	5,780,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley	6,000	2,000	47.5	95,000	3,000	23.0	69,000	5,000	33.0	164,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	200	200	70.0	14,000	...	...	...	200	70.0	14,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	20,600	400	60.0	24,000	19,100	11.5	215,000	19,500	12.5	239,000
Douglas	4,000	...	...	...	3,700	25.0	93,000	3,700	25.0	93,000
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	45,000	...	...	...	42,500	30.5	1,300,000	42,500	30.5	1,300,000
El Paso	4,000	400	45.0	18,000	3,400	21.0	72,000	3,800	23.5	90,000
Fremont	500	...	...	...	400	27.5	11,000	400	27.5	11,000
Garfield	1,500	...	...	...	1,300	14.0	18,000	1,300	14.0	18,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson	500	...	...	...	500	20.0	10,000	500	20.0	10,000
Kiowa	213,000	...	...	...	204,000	30.0	6,120,000	204,000	30.0	6,120,000
Kit Carson	310,000	34,000	52.0	1,765,000	263,000	37.0	9,785,000	297,000	39.0	11,550,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	2,200	200	55.0	11,000	1,800	13.5	24,500	2,000	18.0	35,500
Larimer	8,500	1,500	63.5	95,000	6,700	34.0	227,000	8,200	39.5	322,000
Las Animas	5,000	1,000	45.0	45,000	1,600	25.0	40,000	2,600	32.5	85,000
Lincoln	160,000	1,500	36.0	54,000	150,500	33.0	4,985,000	152,000	33.0	5,039,000
Logan	152,000	8,000	57.0	457,000	136,000	28.5	3,900,000	144,000	30.5	4,357,000
Mesa	800	700	81.5	57,000	...	...	...	700	81.5	57,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	18,500	...	...	...	18,000	23.0	415,000	18,000	23.0	415,000
Montezuma	8,200	200	50.0	10,000	7,800	13.0	101,000	8,000	14.0	111,000
Montrose	500	300	80.0	24,000	100	20.0	2,000	400	65.0	26,000
Morgan	80,500	7,800	65.5	510,000	70,200	33.0	2,300,000	78,000	36.0	2,810,000
Otero	4,500	4,000	62.5	250,000	...	...	...	4,000	62.5	250,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	125,000	2,800	57.0	160,000	116,200	39.0	4,530,000	119,000	39.5	4,690,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	121,000	10,000	53.5	535,000	98,000	28.0	2,745,000	108,000	30.5	3,280,000
Pueblo	15,500	2,000	70.0	140,000	6,000	20.0	120,000	8,000	32.5	260,000
Rio Blanco	2,500	...	...	...	2,500	24.0	60,000	2,500	24.0	60,000
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Routt	8,000	...	...	...	7,500	26.0	195,000	7,500	26.0	195,000
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	900	...	...	...	800	10.0	8,000	800	10.0	8,000
Sedgwick	86,000	3,000	46.5	140,000	78,000	38.5	3,000,000	81,000	39.0	3,140,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	305,000	4,700	61.5	290,000	285,300	33.0	9,430,000	290,000	33.5	9,720,000
Weld	185,000	9,000	66.5	600,000	166,000	28.5	4,766,000	175,000	30.5	5,366,000
Yuma	150,000	11,000	55.5	610,000	132,000	38.0	5,015,000	143,000	39.5	5,625,000
State Total	2,700,000	150,000	56.0	8,400,000	2,400,000	31.5	75,750,000	2,550,000	33.0	84,150,000

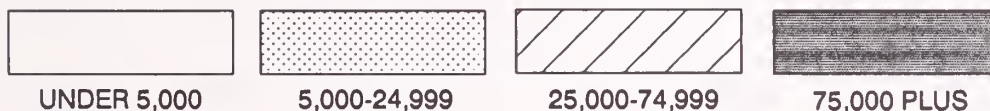
Winter Wheat: Acreage and production by county, Colorado, 1991

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	170,000	1,700	61.0	104,000	149,300	22.5	3,333,000	151,000	23.0	3,437,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Arapahoe	80,000	500	36.0	18,000	71,500	21.5	1,526,000	72,000	21.5	1,544,000
Archuleta	200	...	...	...	100	20.0	2,000	100	20.0	2,000
Baca	188,000	24,100	50.5	1,220,000	146,900	27.0	3,958,000	170,900	30.5	5,178,000
Bent	8,000	2,500	49.0	123,000	4,700	24.0	113,000	7,200	33.0	236,000
Boulder	5,000	500	56.0	28,000	3,900	27.0	105,000	4,400	30.0	133,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	167,000	5,300	52.0	275,000	145,700	30.5	4,431,000	151,000	31.0	4,706,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley	7,500	1,200	46.5	56,000	4,800	26.0	125,000	6,000	30.0	181,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	200	200	75.0	15,000	...	...	...	200	75.0	15,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	22,000	500	60.0	30,000	18,000	15.0	267,000	18,500	16.0	297,000
Douglas	5,000	...	...	...	3,800	21.5	82,000	3,800	21.5	82,000
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	41,500	...	...	...	37,000	30.5	1,129,000	37,000	30.5	1,129,000
El Paso	3,500	300	50.0	15,000	2,900	27.0	79,000	3,200	29.5	94,000
Fremont	200	...	...	...	200	25.0	5,000	200	25.0	5,000
Garfield	1,400	...	...	...	1,200	21.5	26,000	1,200	21.5	26,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson	1,000	...	...	...	700	18.5	13,000	700	18.5	13,000
Kiowa	182,000	...	...	...	164,000	30.0	4,923,000	164,000	30.0	4,923,000
Kit Carson	315,000	28,000	54.0	1,506,000	251,000	34.5	8,701,000	279,000	36.5	10,207,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,500	500	50.0	25,000	2,400	16.0	38,000	2,900	21.5	63,000
Larimer	10,500	1,900	56.0	106,000	7,500	30.0	225,000	9,400	35.0	331,000
Las Animas	6,500	800	40.0	32,000	3,200	20.0	64,000	4,000	24.0	96,000
Lincoln	164,000	1,200	44.0	53,000	140,800	29.5	4,120,000	142,000	29.5	4,173,000
Logan	150,000	5,200	52.0	270,000	126,800	27.0	3,415,000	132,000	28.0	3,685,000
Mesa	1,000	900	90.0	81,000	...	...	...	900	90.0	81,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	21,500	...	...	...	17,500	26.5	460,000	17,500	26.5	460,000
Montezuma	8,100	400	42.5	17,000	6,600	16.0	105,000	7,000	17.5	122,000
Montrose	800	500	64.0	32,000	100	20.0	2,000	600	56.5	34,000
Morgan	68,500	6,200	60.0	371,000	53,300	26.5	1,416,000	59,500	30.0	1,787,000
Otero	3,800	3,600	66.0	237,000	...	...	...	3,600	66.0	237,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	123,000	2,000	52.5	105,000	106,000	33.0	3,491,000	108,000	33.5	3,596,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	123,000	8,000	54.0	430,000	105,000	25.0	2,625,000	113,100	27.0	3,055,000
Pueblo	8,000	1,800	70.5	127,000	3,200	25.0	80,000	5,000	41.5	207,000
Rio Blanco	3,000	...	...	...	2,500	28.0	70,000	2,500	28.0	70,000
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Routt	8,500	...	...	...	8,000	30.0	240,000	8,000	30.0	240,000
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	800	...	...	...	600	16.5	10,000	600	16.5	10,000
Sedgwick	80,000	2,000	50.0	100,000	69,000	34.5	2,374,000	71,000	35.0	2,474,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	287,000	3,000	61.5	185,000	247,000	34.0	8,441,000	250,000	34.5	8,626,000
Weld	180,000	7,200	68.0	490,000	150,800	26.5	3,987,000	158,000	28.5	4,477,000
Yuma	151,000	10,000	55.0	549,000	124,000	38.0	4,719,000	134,000	39.5	5,268,000
State Total	2,600,000	120,000	55.0	6,600,000	2,180,000	29.5	64,700,000	2,300,000	31.0	71,300,000

Spring Wheat: Production by County, Colorado, 1991 with Ranking of First Five Counties



BUSHEL



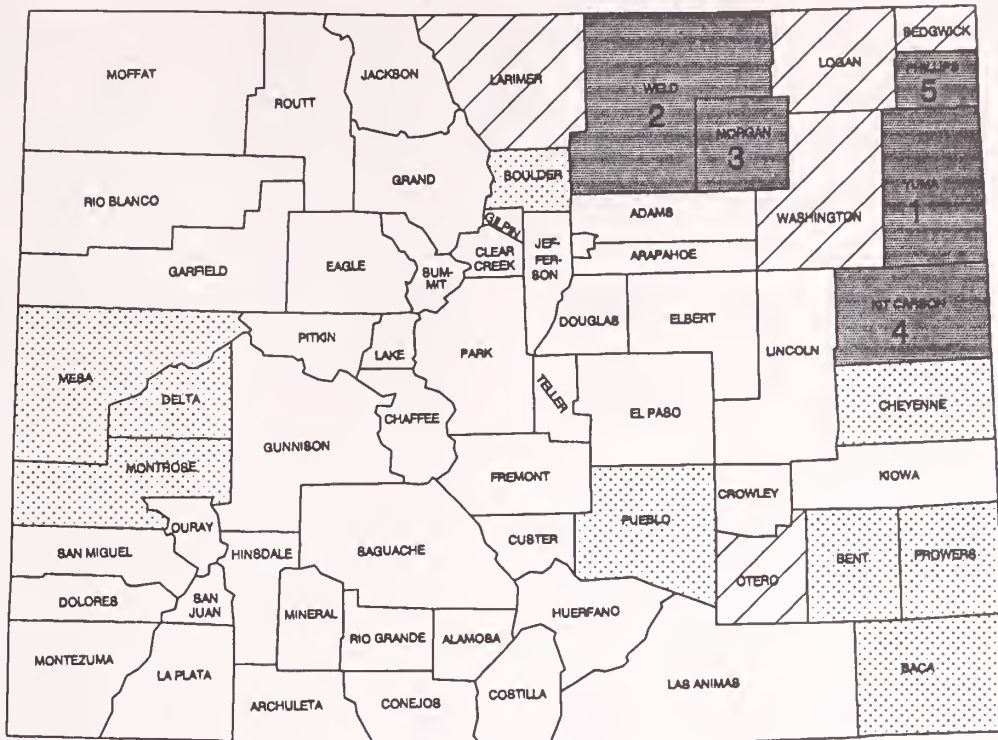
Spring Wheat: Acreage and production by district, Colorado, 1990-91

District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	5,900	...	...	...	5,700	18.0	103,000	5,700	18.0	103,000
Northeast	3,000	1,700	60.0	102,000	1,200	24.0	29,000	2,900	45.0	131,000
East Central	1,200	200	55.0	11,000	700	20.0	14,000	900	28.0	25,000
Southwest	2,300	1,500	62.0	93,000	600	18.5	11,000	2,100	49.5	104,000
San Luis Valley . .	29,000	28,000	86.5	2,427,000	...	...	...	28,000	86.5	2,427,000
Southeast	600	100	70.0	7,000	300	10.0	3,000	400	25.0	10,000
State Total	42,000	31,500	84.0	2,640,000	8,500	19.0	160,000	40,000	70.0	2,800,000
1991	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	5,600	...	...	...	5,300	28.5	152,000	5,300	28.5	152,000
Northeast	3,300	1,600	55.0	88,000	1,600	34.0	54,500	3,200	44.5	142,500
East Central	1,100	...	...	...	1,000	27.0	27,000	1,000	27.0	27,000
Southwest	2,500	1,700	54.0	92,000	700	15.0	10,500	2,400	42.5	102,500
San Luis Valley . .	24,900	23,500	96.0	2,252,000	...	...	...	23,500	96.0	2,252,000
Southeast	600	200	80.0	16,000	400	20.0	8,000	600	40.0	24,000
State Total	38,000	27,000	90.5	2,448,000	9,000	28.0	252,000	36,000	75.0	2,700,000

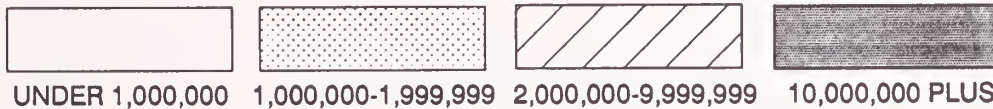
Spring Wheat: Acreage and production by county, Colorado, 1990-91

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	800	100	60.0	6,000	500	20.0	10,000	600	26.5	16,000
Alamosa	4,300	4,200	91.5	385,000	...	...	...	4,200	91.5	385,000
Boulder	700	300	50.0	15,000	400	25.0	10,000	700	35.5	25,000
Conejos	1,000	1,000	65.0	65,000	...	...	...	1,000	65.0	65,000
Costilla	2,200	2,000	67.5	135,000	...	...	...	2,000	67.5	135,000
Delta	100	100	75.0	7,500	...	...	...	100	75.0	7,500
Dolores	100	100	45.0	4,500	...	...	...	100	45.0	4,500
La Plata	600	...	...	...	600	18.5	11,000	600	18.5	11,000
Larimer	400	400	55.0	22,000	...	...	...	400	55.0	22,000
Logan	300	...	...	...	300	16.5	5,000	300	16.5	5,000
Mesa	800	800	64.0	51,000	...	...	...	800	64.0	51,000
Moffat	3,400	...	...	...	3,300	16.0	53,000	3,300	16.0	53,000
Montezuma	200	...	...	...	...	...	...	...	...	...
Montrose	500	500	60.0	30,000	...	...	...	500	60.0	30,000
Morgan	500	200	50.0	10,000	300	25.0	7,500	500	35.0	17,500
Otero	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Phillips	400	100	50.0	5,000	200	20.0	4,000	300	30.0	9,000
Prowers	300	...	...	...	200	10.0	2,000	200	10.0	2,000
Pueblo	200	...	...	...	100	10.0	1,000	100	10.0	1,000
Rio Blanco	300	...	...	...	300	16.5	5,000	300	16.5	5,000
Rio Grande	11,000	10,600	88.5	940,000	...	...	...	10,600	88.5	940,000
Routt	2,200	...	...	...	2,100	21.5	45,000	2,100	21.5	45,000
Saguache	10,500	10,200	88.5	902,000	...	...	...	10,200	88.5	902,000
Weld	1,100	800	69.0	55,000	200	32.5	6,500	1,000	61.5	61,500
State Total	42,000	31,500	84.0	2,640,000	8,500	19.0	160,000	40,000	70.0	2,800,000
1991										
Adams	200	...	...	...	200	30.0	6,000	200	30.0	6,000
Alamosa	5,300	5,000	99.0	495,000	...	...	...	5,000	99.0	495,000
Baca	300	200	80.0	16,000	100	20.0	2,000	300	60.0	18,000
Boulder	500	200	55.0	11,000	300	36.5	11,000	500	44.0	22,000
Conejos	1,500	1,400	92.0	129,000	...	...	...	1,400	92.0	129,000
Costilla	1,600	1,500	96.0	144,000	...	...	...	1,500	96.0	144,000
Delta	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Dolores	900	500	44.0	22,000	300	10.5	3,200	800	31.5	25,200
Elbert	400	...	...	...	300	23.5	7,000	300	23.5	7,000
La Plata	400	100	50.0	5,000	300	20.0	6,000	400	27.5	11,000
Larimer	300	300	43.5	13,000	...	...	...	300	43.5	13,000
Logan	600	300	56.5	17,000	300	18.5	5,500	600	37.5	22,500
Mesa	500	500	66.0	33,000	...	...	...	500	66.0	33,000
Moffat	2,000	...	...	...	1,900	21.0	40,000	1,900	21.0	40,000
Montezuma	400	300	46.5	14,000	100	13.0	1,300	400	38.5	15,300
Montrose	200	200	55.0	11,000	...	...	...	200	55.0	11,000
Morgan	700	400	47.5	19,000	300	28.5	8,500	700	39.5	27,500
Prowers	300	...	...	...	300	20.0	6,000	300	20.0	6,000
Rio Blanco	400	...	...	...	400	27.5	11,000	400	27.5	11,000
Rio Grande	8,000	7,600	96.0	730,000	...	...	...	7,600	96.0	730,000
Routt	3,200	...	...	...	3,000	33.5	101,000	3,000	33.5	101,000
Saguache	8,500	8,000	94.5	754,000	...	...	...	8,000	94.5	754,000
Washington	100	...	...	...	100	30.0	3,000	100	30.0	3,000
Weld	1,200	400	70.0	28,000	700	42.0	29,500	1,100	52.5	57,500
Yuma	400	...	...	...	400	27.5	11,000	400	27.5	11,000
State Total	38,000	27,000	90.5	2,448,000	9,000	28.0	252,000	36,000	75.0	2,700,000

Corn for Grain: Production by County, Colorado, 1991 with Ranking of First Five Counties



BUSHELS



Corn for Grain: Acreage and production by district, Colorado, 1990-91

District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	430,000	343,000	156.5	53,660,000	11,000	58.0	640,000	354,000	153.5	54,300,000
East Central	407,000	370,000	163.5	60,500,000	15,000	57.5	860,000	385,000	159.5	61,360,000
Southwest	43,000	31,000	148.0	4,590,000	...	...	...	31,000	148.0	4,590,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	70,000	60,000	140.0	8,400,000	...	...	...	60,000	140.0	8,400,000
State Total	950,000	804,000	158.0	127,150,000	26,000	57.5	1,500,000	830,000	155.0	128,650,000
1991	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	425,000	350,000	153.0	53,550,000	10,000	50.0	500,000	360,000	150.0	54,050,000
East Central	417,000	367,000	164.5	60,360,000	23,000	56.5	1,300,000	390,000	158.0	61,660,000
Southwest	40,000	30,000	143.0	4,290,000	...	...	...	30,000	143.0	4,290,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	68,000	60,000	142.0	8,520,000	...	...	...	60,000	142.0	8,520,000
State Total	950,000	807,000	157.0	126,720,000	33,000	54.5	1,800,000	840,000	153.0	128,520,000

1/ Planted for all purposes.

Corn for Grain: Acreage and production by county, Colorado, 1990

County	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	9,800	7,000	138.5	970,000	...	...	...	7,000	138.5	970,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Arapahoe	300	...	...	...	...	...	...	...	...	...
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Baca	11,200	10,200	130.0	1,326,000	...	...	...	10,200	130.0	1,326,000
Bent	8,500	6,900	125.0	862,000	...	...	...	6,900	125.0	862,000
Boulder	11,500	8,500	148.0	1,260,000	...	...	...	8,500	148.0	1,260,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	8,100	7,200	148.5	1,070,000	...	...	...	7,200	148.5	1,070,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley	5,800	4,800	115.0	552,000	...	...	...	4,800	115.0	552,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	9,500	6,500	144.5	940,000	...	...	...	6,500	144.5	940,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	300	...	...	...	...	...	...	...	...	...
El Paso	200	...	...	...	...	...	...	...	...	...
Fremont	600	200	135.0	27,000	...	...	...	200	135.0	27,000
Garfield	300	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	300	300	143.5	43,000	...	...	...	300	143.5	43,000
Kit Carson	74,000	67,000	158.0	10,600,000	1,000	55.0	55,000	68,000	156.5	10,655,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	200	...	...	...	...	...	...	...	...	...
Larimer	32,500	22,000	150.0	3,300,000	...	...	...	22,000	150.0	3,300,000
Las Animas	1,000	500	126.0	63,000	...	...	...	500	126.0	63,000
Lincoln	500	500	154.0	77,000	...	...	...	500	154.0	77,000
Logan	51,300	40,500	148.0	6,000,000	5,500	54.5	300,000	46,000	137.0	6,300,000
Mesa	16,100	12,000	146.5	1,760,000	...	...	...	12,000	146.5	1,760,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma	200	...	...	...	...	...	...	...	...	...
Montrose	16,500	12,500	151.0	1,890,000	...	...	...	12,500	151.0	1,890,000
Morgan	84,000	75,000	164.0	12,300,000	...	...	...	75,000	164.0	12,300,000
Otero	19,500	18,100	140.0	2,530,000	...	...	...	18,100	140.0	2,530,000
Ouray	200	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	73,000	61,300	163.5	10,030,000	8,700	65.0	564,000	70,000	151.5	10,594,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	12,500	10,300	146.5	1,510,000	...	...	...	10,300	146.5	1,510,000
Pueblo	10,900	9,000	170.0	1,530,000	...	...	...	9,000	170.0	1,530,000
Rio Blanco . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
Sedgwick	42,200	34,500	150.5	5,200,000	5,500	62.0	340,000	40,000	138.5	5,540,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	21,500	18,200	165.5	3,010,000	2,300	41.5	96,000	20,500	151.5	3,106,000
Weld	208,500	162,500	157.5	25,600,000	...	...	...	162,500	157.5	25,600,000
Yuma	219,000	208,500	166.5	34,700,000	3,000	48.5	145,000	211,500	165.0	34,845,000
State Total	950,000	804,000	158.0	127,150,000	26,000	57.5	1,500,000	830,000	155.0	128,650,000

1/ Planted for all purposes.

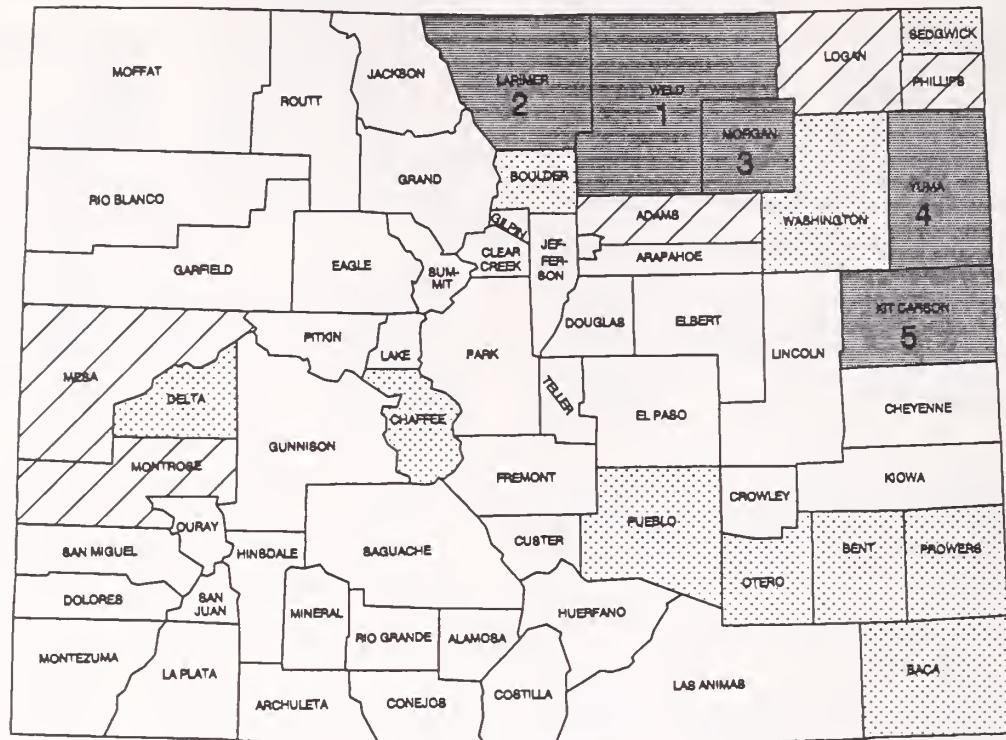
Corn for Grain: Acreage and production by county, Colorado, 1991

County	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	10,400	5,700	134.0	764,000	1,000	40.0	40,000	6,700	120.0	804,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Arapahoe	500	300	140.0	42,000	...	...	...	300	140.0	42,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Baca	10,900	10,000	147.5	1,475,000	...	...	...	10,000	147.5	1,475,000
Bent	10,000	9,000	118.0	1,060,000	...	...	...	9,000	118.0	1,060,000
Boulder	12,000	9,500	144.0	1,368,000	...	...	...	9,500	144.0	1,368,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	8,200	7,000	144.5	1,012,000	500	42.0	21,000	7,500	137.5	1,033,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley	5,000	4,500	120.5	543,000	...	...	...	4,500	120.5	543,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	10,800	8,500	142.0	1,207,000	...	...	...	8,500	142.0	1,207,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	200	...	...	...	...	...	...	...	...	...
El Paso	300	...	...	...	...	...	...	...	...	...
Fremont	500	200	140.0	28,000	...	...	...	200	140.0	28,000
Garfield	200	...	...	...	...	...	...	...	...	...
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	300	...	...	...	...	...	...	...	...	...
Kit Carson	77,100	68,600	159.0	10,905,000	1,400	60.5	85,000	70,000	157.0	10,990,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	400	...	...	...	...	...	...	...	...	...
Larimer	35,500	25,500	144.0	3,666,000	...	...	...	25,500	144.0	3,666,000
Las Animas	600	300	120.0	36,000	...	...	...	300	120.0	36,000
Lincoln	900	500	166.0	83,000	...	...	...	500	166.0	83,000
Logan	51,700	42,900	143.5	6,162,000	5,100	52.0	264,000	48,000	134.0	6,426,000
Mesa	14,000	10,500	145.5	1,527,000	...	...	...	10,500	145.5	1,527,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...	...
Montezuma	200	...	...	...	...	...	...	...	...	...
Montrose	14,200	11,000	141.5	1,556,000	...	...	...	11,000	141.5	1,556,000
Morgan	86,800	78,800	161.0	12,668,000	700	31.5	22,000	79,500	159.5	12,690,000
Otero	19,200	17,800	147.0	2,619,000	...	...	...	17,800	147.0	2,619,000
Ouray	200	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	76,500	60,100	163.0	9,800,000	11,900	61.0	727,000	72,000	146.0	10,527,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	11,700	9,800	137.5	1,348,000	...	...	...	9,800	137.5	1,348,000
Pueblo	10,100	8,400	168.0	1,411,000	...	...	...	8,400	168.0	1,411,000
Rio Blanco . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
Sedgwick	40,700	34,300	152.0	5,214,000	4,200	51.0	214,000	38,500	141.0	5,428,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	21,600	16,700	161.5	2,697,000	3,800	47.5	181,000	20,500	140.5	2,878,000
Weld	198,300	159,000	154.0	24,472,000	...	...	...	159,000	154.0	24,472,000
Yuma	221,000	208,100	168.5	35,057,000	4,400	56.0	246,000	212,500	166.0	35,303,000
State Total	950,000	807,000	157.0	126,720,000	33,000	54.5	1,800,000	840,000	153.0	128,520,000

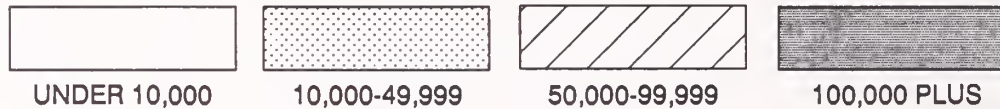
1/ Planted for all purposes.

Corn for Silage: Production by County, Colorado, 1991

with Ranking of First Five Counties



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Corn for Silage: Acreage and production by district, Colorado, 1990-91

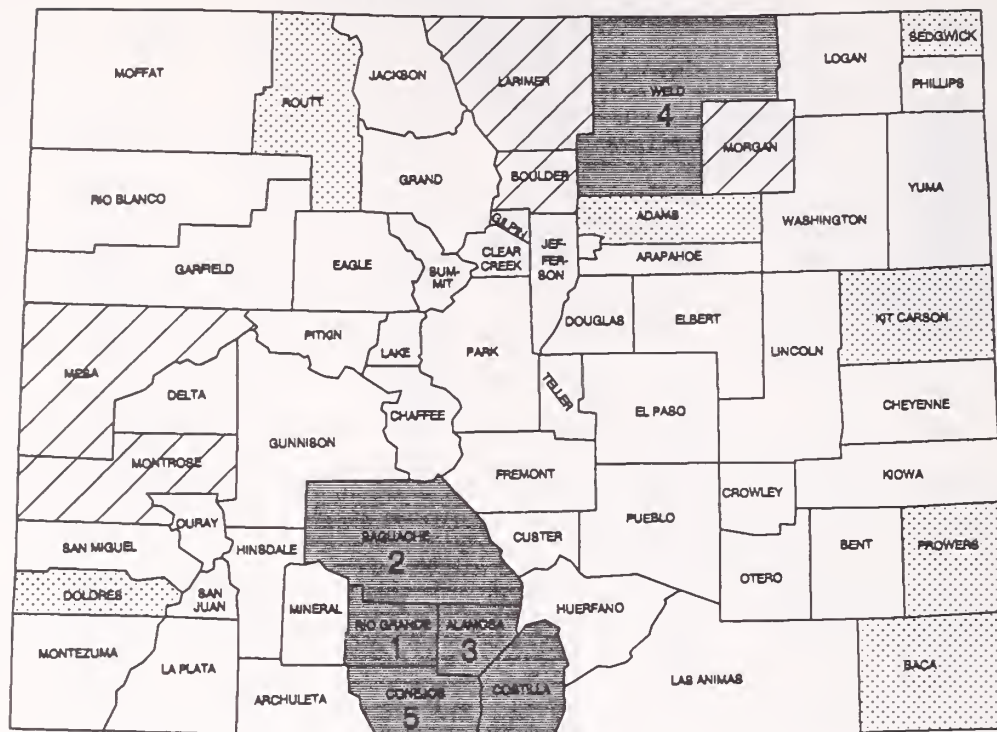
District	Acreage planted ^{1/}	Acreage harvested	Yield per acre	Production
1990	Acres	Acres	Tons	Tons
NW & Mountain	...	...	...	...
Northeast	430,000	74,000	24.0	1,763,000
East Central	407,000	21,000	21.5	450,000
Southwest	43,000	12,000	20.0	240,000
San Luis Valley	...	...	...	...
Southeast	70,000	10,000	18.0	180,000
State Total	950,000	117,000	22.5	2,633,000
1991	Acres	Acres	Tons	Tons
NW & Mountain	...	...	...	...
Northeast	425,000	64,000	23.5	1,494,000
East Central	417,000	23,000	20.5	467,000
Southwest	40,000	10,000	20.5	205,000
San Luis Valley	...	...	...	...
Southeast	68,000	8,000	18.0	144,000
State Total	950,000	105,000	22.0	2,310,000

^{1/} Planted for all purposes.

Corn for Silage: Acreage and production by county, Colorado, 1989-91

County	Acreage harvested			Yield per acre			Production		
	1989	1990	1991	1989	1990	1991	1989	1990	1991
	Acres			Tons			Tons		
Adams	2,500	2,600	3,300	22.0	23.0	19.5	55,000	60,000	64,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...
Arapahoe	500	300	200	17.0	16.5	17.0	8,500	4,900	3,400
Archuleta . . . . .	...	...	...	...	...	...	...	...	...
Baca	1,000	1,000	900	17.0	16.5	16.0	17,000	16,400	14,400
Bent	1,500	1,600	1,000	16.0	17.0	17.0	24,000	26,800	17,100
Boulder	2,000	2,500	2,500	21.0	21.0	18.5	42,000	52,000	46,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...
Cheyenne	1,000	800	500	15.0	13.5	16.5	15,000	10,700	8,200
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...
Crowley	1,000	1,000	500	21.0	18.0	16.0	21,000	18,000	8,000
Custer . . . . .	...	...	...	...	...	...	...	...	...
Delta	3,300	3,000	2,300	25.0	21.5	21.5	82,500	64,500	49,900
Denver . . . . .	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...
Elbert	200	300	200	10.0	11.5	10.0	2,000	3,400	2,000
El Paso	300	200	300	15.0	15.0	12.0	4,500	3,000	3,600
Fremont	500	400	300	20.0	19.5	17.0	10,000	7,700	5,100
Garfield	300	300	200	15.0	15.5	17.5	4,500	4,600	3,500
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	300	...	...	10.5	...	...	3,200
Kit Carson	6,500	5,800	7,000	19.0	21.0	19.5	123,000	123,000	136,300
Lake . . . . .	...	...	...	...	...	...	...	...	...
La Plata	100	200	400	15.0	12.5	13.0	1,500	2,500	5,200
Larimer	12,000	10,500	10,000	23.5	23.0	23.0	282,000	242,000	231,000
Las Animas	500	500	300	18.0	19.5	20.5	9,000	9,800	6,100
Lincoln . . . . .	...	...	300	...	...	18.5	...	...	5,600
Logan	4,000	5,000	3,500	20.0	20.0	20.5	80,000	100,000	72,000
Mesa	6,000	4,100	3,500	21.5	20.0	20.5	129,000	82,000	72,200
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Moffat . . . . .	...	...	...	...	...	...	...	...	...
Montezuma	300	200	200	15.0	12.5	14.0	4,500	2,500	2,800
Montrose	5,000	4,000	3,200	18.5	20.5	21.5	93,000	81,500	69,000
Morgan	7,000	9,000	7,000	20.0	23.5	22.0	140,000	211,000	153,500
Otero	1,000	1,400	1,400	17.0	18.0	18.5	17,000	25,200	26,100
Ouray . . . . .	...	200	200	...	12.0	12.0	...	2,400	2,400
Park . . . . .	...	...	...	...	...	...	...	...	...
Phillips	2,000	3,000	3,500	20.0	21.0	23.0	40,000	63,000	80,200
Pitkin . . . . .	...	...	...	...	...	...	...	...	...
Prowers	2,000	2,200	1,900	15.5	17.5	17.5	31,000	38,600	33,500
Pueblo	1,500	1,900	1,700	16.0	19.5	20.0	24,000	37,500	33,700
Rio Blanco . . . . .	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...
Routt . . . . .	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...
Sedgwick	1,000	1,500	2,000	19.0	18.0	18.5	19,000	27,000	36,700
Summit . . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
Washington	2,000	1,000	900	21.0	21.0	19.5	42,000	21,000	17,600
Weld	45,000	45,500	39,000	24.5	25.0	24.5	1,099,000	1,131,000	954,800
Yuma	5,000	7,000	6,500	22.0	23.0	22.0	110,000	161,000	142,900
State Total	115,000	117,000	105,000	22.0	22.5	22.0	2,530,000	2,633,000	2,310,000

Barley: Production by County, Colorado, 1991
with Ranking of First Five Counties



BUSHEL



Barley: Acreage and production by district, Colorado, 1990-91

District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	3,200	...	...	...	3,000	30.0	90,000	3,000	30.0	90,000
Northeast	41,500	30,000	76.0	2,280,000	10,000	29.0	290,000	40,000	64.5	2,570,000
East Central	13,500	4,000	60.0	240,000	8,000	26.5	210,000	12,000	37.5	450,000
Southwest	3,200	3,000	95.0	285,000	...	...	...	3,000	95.0	285,000
San Luis Valley . .	84,000	83,000	96.5	8,005,000	...	...	...	83,000	96.5	8,005,000
Southeast	9,600	6,000	90.0	540,000	3,000	20.0	60,000	9,000	66.5	600,000
State Total	155,000	126,000	90.0	11,350,000	24,000	27.0	650,000	150,000	80.0	12,000,000
1991										
NW & Mountain	2,500	...	...	...	2,300	41.0	94,500	2,300	41.0	94,500
Northeast	31,500	20,000	72.0	1,440,000	7,500	28.0	210,000	27,500	60.0	1,650,000
East Central	8,000	1,000	51.0	51,000	6,000	28.0	168,000	7,000	31.5	219,000
Southwest	4,000	3,500	84.0	294,000	...	...	...	3,500	84.0	294,000
San Luis Valley . .	89,500	86,000	93.0	8,000,000	...	...	...	86,000	93.0	8,000,000
Southeast	4,500	1,500	70.0	105,000	2,200	17.0	37,500	3,700	38.5	142,500
State Total	140,000	112,000	88.5	9,890,000	18,000	28.5	510,000	130,000	80.0	10,400,000

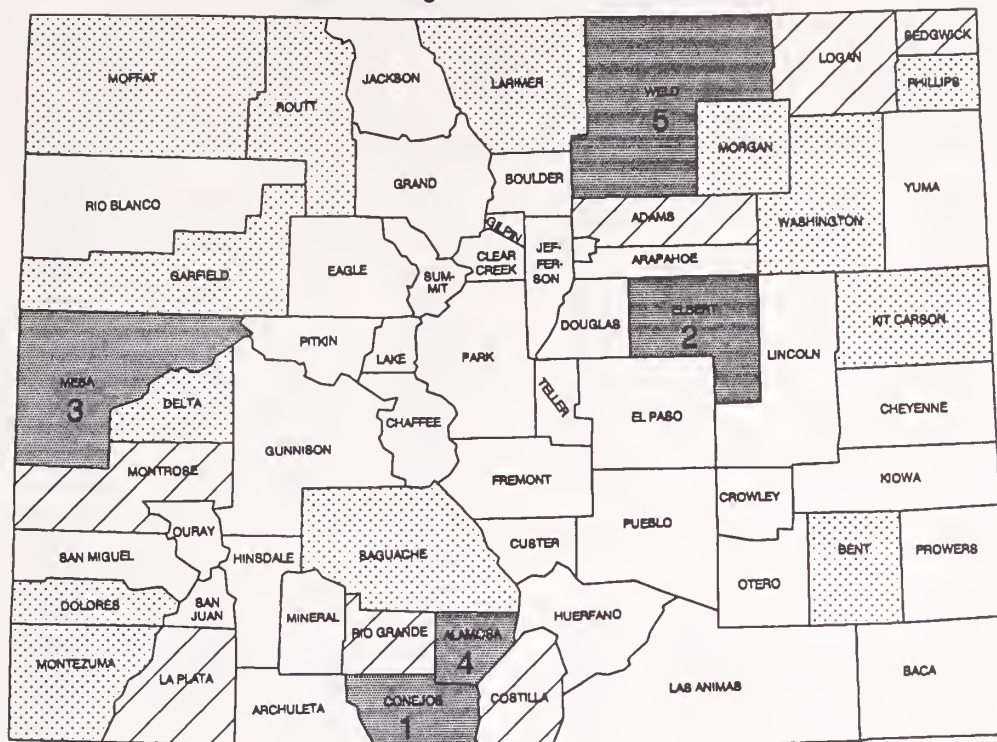
Barley: Acreage and production by county, Colorado, 1990

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	4,200	2,000	70.0	140,000	2,000	24.0	48,000	4,000	47.0	188,000
Alamosa	19,500	19,000	96.0	1,825,000	...	...	...	19,000	96.0	1,825,000
Arapahoe	700	...	...	...	600	25.0	15,000	600	25.0	15,000
Archuleta	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Baca	1,200	400	75.0	30,000	600	20.0	12,000	1,000	42.0	42,000
Bent	900	800	79.0	63,000	...	...	...	800	79.0	63,000
Boulder	3,700	2,500	66.0	165,000	1,000	35.0	35,000	3,500	57.0	200,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	700	...	...	...	600	25.0	15,000	600	25.0	15,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos	12,500	12,000	96.0	1,150,000	...	...	...	12,000	96.0	1,150,000
Costilla	8,000	8,000	95.0	760,000	...	...	...	8,000	95.0	760,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	76.5	23,000	...	...	...	300	76.5	23,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	500	...	...	...	300	26.5	8,000	300	26.5	8,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	200	200	90.0	18,000	...	...	...	200	90.0	18,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	1,900	500	56.0	28,000	1,300	24.5	32,000	1,800	33.5	60,000
Kit Carson	2,300	1,500	48.0	72,000	600	38.5	23,000	2,100	45.0	95,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	100	100	50.0	5,000	...	...	...	100	50.0	5,000
Larimer	7,500	7,200	78.0	560,000	100	30.0	3,000	7,300	77.0	563,000
Las Animas . . . . .	...	...	...	...	...	...	...	...	...	...
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Logan	1,900	...	...	...	1,700	23.0	39,000	1,700	23.0	39,000
Mesa	1,100	1,100	105.5	116,000	...	...	...	1,100	105.5	116,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	600	...	...	...	500	26.0	13,000	500	26.0	13,000
Montezuma	100	100	60.0	6,000	...	...	...	100	60.0	6,000
Montrose	1,300	1,100	100.0	110,000	...	...	...	1,100	100.0	110,000
Morgan	3,900	900	78.0	70,000	2,600	29.0	75,000	3,500	41.5	145,000
Otero	500	500	84.0	42,000	...	...	...	500	84.0	42,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	1,300	...	...	...	1,000	30.0	30,000	1,000	30.0	30,000
Pitkin	100	...	...	...	...	...	...	...	...	...
Prowers	7,000	4,300	94.0	405,000	2,400	20.0	48,000	6,700	67.5	453,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco	300	...	...	...	300	30.0	9,000	300	30.0	9,000
Rio Grande	24,000	24,000	102.0	2,450,000	...	...	...	24,000	102.0	2,450,000
Routt	2,200	...	...	...	2,200	31.0	68,000	2,200	31.0	68,000
Saguache	20,000	20,000	91.0	1,820,000	...	...	...	20,000	91.0	1,820,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
Sedgwick	3,100	...	...	...	3,000	33.5	100,000	3,000	33.5	100,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	1,100	...	...	...	1,000	25.0	25,000	1,000	25.0	25,000
Weld	21,400	19,400	76.5	1,485,000	1,600	24.0	38,000	21,000	72.5	1,523,000
Yuma	800	...	...	...	600	23.5	14,000	600	23.5	14,000
State Total	155,000	126,000	90.0	11,350,000	24,000	27.0	650,000	150,000	80.0	12,000,000

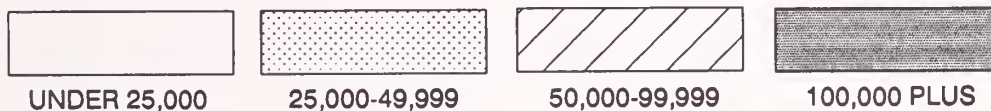
Barley: Acreage and production by county, Colorado, 1991

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	2,600	400	50.0	20,000	1,900	23.5	44,700	2,300	28.0	64,700
Alamosa	18,800	17,500	94.5	1,655,000	...	...	...	17,500	94.5	1,655,000
Arapahoe	900	...	...	...	800	22.5	18,000	800	22.5	18,000
Archuleta	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Baca	1,200	300	80.0	24,000	700	13.5	9,500	1,000	33.5	33,500
Bent	400	300	63.5	19,000	...	...	...	300	63.5	19,000
Boulder	2,800	2,100	63.0	132,000	300	33.5	10,000	2,400	59.0	142,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	300	...	...	...	300	31.5	9,500	300	31.5	9,500
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos	9,100	8,500	89.0	756,000	...	...	...	8,500	89.0	756,000
Costilla	7,300	7,000	88.0	616,000	...	...	...	7,000	88.0	616,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	200	75.0	15,000	...	...	...	200	75.0	15,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	500	500	60.0	30,000	...	...	...	500	60.0	30,000
Douglas	100	...	...	...	100	23.0	2,300	100	23.0	2,300
Eagle . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	600	...	...	...	500	32.0	16,000	500	32.0	16,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	300	300	76.5	23,000	...	...	...	300	76.5	23,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	800	100	60.0	6,000	600	30.0	18,000	700	34.5	24,000
Kit Carson	1,000	300	40.0	12,000	600	33.5	20,000	900	35.5	32,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata . . . . .	...	...	...	...	...	...	...	...	...	...
Larimer	5,700	4,300	76.5	328,000	800	30.0	24,000	5,100	69.0	352,000
Las Animas	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Logan	800	...	...	...	700	33.0	23,000	700	33.0	23,000
Mesa	1,200	1,000	102.0	102,000	...	...	...	1,000	102.0	102,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Moffat	700	...	...	...	600	30.0	18,000	600	30.0	18,000
Montezuma	400	400	55.0	22,000	...	...	...	400	55.0	22,000
Montrose	1,200	1,000	95.0	95,000	...	...	...	1,000	95.0	95,000
Morgan	2,100	800	72.5	58,000	700	34.5	24,000	1,500	54.5	82,000
Otero	400	300	60.0	18,000	...	...	...	300	60.0	18,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	500	...	...	...	400	35.0	14,000	400	35.0	14,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	2,400	500	72.0	36,000	1,500	18.5	28,000	2,000	32.0	64,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco	100	...	...	...	100	45.0	4,500	100	45.0	4,500
Rio Grande	30,700	30,000	96.0	2,880,000	...	...	...	30,000	96.0	2,880,000
Routt	1,700	...	...	...	1,600	45.0	72,000	1,600	45.0	72,000
Saguache	23,600	23,000	91.0	2,093,000	...	...	...	23,000	91.0	2,093,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
Sedgwick	1,300	...	...	...	1,000	33.0	33,000	1,000	33.0	33,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	700	...	...	...	700	32.0	22,500	700	32.0	22,500
Weld	18,800	12,800	72.0	922,000	4,000	24.0	96,000	16,800	60.5	1,018,000
Yuma	500	200	65.0	13,000	100	30.0	3,000	300	53.5	16,000
State Total	140,000	112,000	88.5	9,890,000	18,000	28.5	510,000	130,000	80.0	10,400,000

Oats: Production by County, Colorado, 1991 with Ranking of First Five Counties



BUSHEL



Oats: Acreage and production by district, Colorado, 1990-91

District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	5,000	800	55.0	44,000	2,200	32.0	70,000	3,000	38.0	114,000
Northeast	22,000	5,000	60.0	300,000	3,000	23.0	69,000	8,000	46.0	369,000
East Central	30,500	2,500	66.0	165,000	11,500	30.0	345,000	14,000	36.5	510,000
Southwest	10,500	6,700	63.0	422,000	1,300	18.5	24,000	8,000	56.0	446,000
San Luis Valley . .	17,000	10,000	71.5	715,000	...	...	...	10,000	71.5	715,000
Southeast	5,000	2,000	48.0	96,000	...	...	...	2,000	48.0	96,000
State Total	90,000	27,000	64.5	1,742,000	18,000	28.0	508,000	45,000	50.0	2,250,000
1991	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	3,500	300	70.0	21,000	1,200	45.0	54,000	1,500	50.0	75,000
Northeast	24,000	2,700	72.5	196,000	3,300	42.0	139,000	6,000	56.0	335,000
East Central	31,000	1,500	76.0	114,000	7,000	39.0	273,000	8,500	45.5	387,000
Southwest	13,000	5,500	78.0	428,000	1,500	24.0	36,000	7,000	66.5	464,000
San Luis Valley . .	12,000	6,000	78.0	467,000	...	...	...	6,000	78.0	467,000
Southeast	4,500	1,000	72.0	72,000	...	...	...	1,000	72.0	72,000
State Total	88,000	17,000	76.5	1,298,000	13,000	38.5	502,000	30,000	60.0	1,800,000

Oats: Acreage and production by county, Colorado, 1990

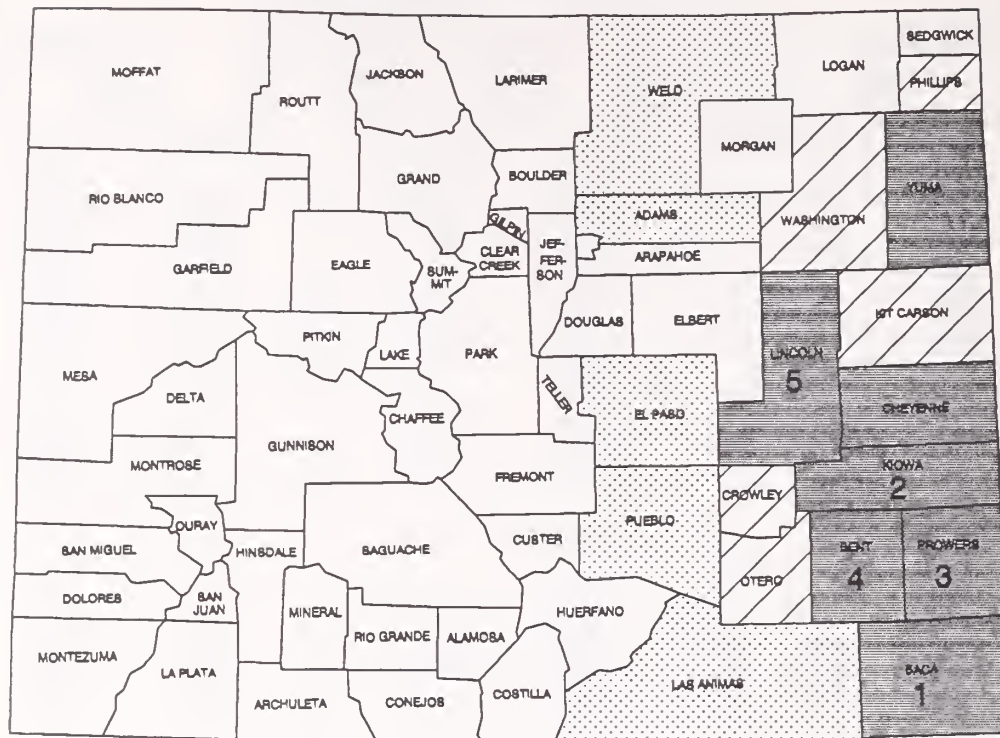
County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	5,500	600	60.0	36,000	2,200	25.0	55,000	2,800	32.5	91,000
Alamosa	5,500	2,500	78.0	195,000	...	...	...	2,500	78.0	195,000
Arapahoe	2,000	...	...	...	700	26.5	18,500	700	26.5	18,500
Archuleta	100	...	...	...	100	25.0	2,500	100	25.0	2,500
Baca	500	200	45.0	9,000	...	...	...	200	45.0	9,000
Bent	1,100	700	47.0	33,000	...	...	...	700	47.0	33,000
Boulder	1,800	400	65.0	26,000	...	...	...	400	65.0	26,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	1,200	200	70.0	14,000	200	27.5	5,500	400	49.0	19,500
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos	4,000	3,500	68.0	238,000	...	...	...	3,500	68.0	238,000
Costilla	1,800	1,500	66.5	100,000	...	...	...	1,500	66.5	100,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	900	600	78.5	47,000	...	...	...	600	78.5	47,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	1,000	...	...	...	300	36.5	11,000	300	36.5	11,000
Eagle	600	200	65.0	13,000	...	...	...	200	65.0	13,000
Elbert	7,000	800	67.5	54,000	2,900	41.5	120,000	3,700	47.0	174,000
El Paso	1,500	...	...	...	800	30.0	24,000	800	30.0	24,000
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	800	500	64.0	32,000	...	...	...	500	64.0	32,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson	200	100	50.0	5,000	...	...	...	100	50.0	5,000
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	300	...	...	...	...	...	...	...	...	...
Kit Carson	2,500	200	70.0	14,000	800	21.5	17,000	1,000	31.0	31,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,200	1,900	59.0	112,000	1,000	19.0	19,000	2,900	45.0	131,000
Larimer	2,500	1,100	62.5	69,000	...	...	...	1,100	62.5	69,000
Las Animas	1,100	200	45.0	9,000	...	...	...	200	45.0	9,000
Lincoln	1,500	...	...	...	700	21.5	15,000	700	21.5	15,000
Logan	4,300	1,000	57.0	57,000	1,500	20.0	30,000	2,500	35.0	87,000
Mesa	2,000	1,600	65.0	104,000	...	...	...	1,600	65.0	104,000
Mineral	300	100	65.0	6,500	...	...	...	100	65.0	6,500
Moffat	1,600	...	...	...	1,200	29.0	35,000	1,200	29.0	35,000
Montezuma	1,100	600	55.0	33,000	...	...	...	600	55.0	33,000
Montrose	1,900	1,500	62.5	94,000	...	...	...	1,500	62.5	94,000
Morgan	2,500	600	50.0	30,000	200	20.0	4,000	800	42.5	34,000
Otero	1,000	500	52.0	26,000	...	...	...	500	52.0	26,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	3,000	...	...	...	1,400	28.0	39,000	1,400	28.0	39,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	800	300	46.5	14,000	...	...	...	300	46.5	14,000
Pueblo	500	100	50.0	5,000	...	...	...	100	50.0	5,000
Rio Blanco	700	300	50.0	15,000	100	30.0	3,000	400	45.0	18,000
Rio Grande	2,000	1,300	81.0	105,000	...	...	...	1,300	81.0	105,000
Routt	1,900	200	55.0	11,000	900	35.5	32,000	1,100	39.0	43,000
Saguache	3,400	1,100	64.0	70,500	...	...	...	1,100	64.0	70,500
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	500	...	...	...	200	12.5	2,500	200	12.5	2,500
Sedgwick	4,000	500	50.0	25,000	1,000	28.0	28,000	1,500	35.5	53,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	3,500	500	66.0	33,000	900	24.5	22,000	1,400	39.5	55,000
Weld	6,900	1,400	66.5	93,000	300	23.5	7,000	1,700	59.0	100,000
Yuma	1,500	200	70.0	14,000	600	30.0	18,000	800	40.0	32,000
State Total	90,000	27,000	64.5	1,742,000	18,000	28.0	508,000	45,000	50.0	2,250,000

Oats: Acreage and production by county, Colorado, 1991

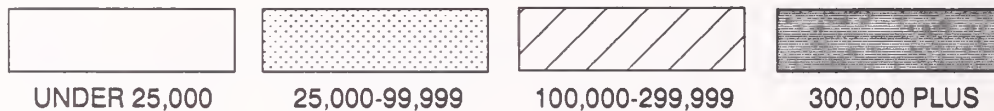
County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	4,600	300	80.0	24,000	1,100	42.0	46,000	1,400	50.0	70,000
Alamosa	2,600	1,300	87.0	113,000	...	...	...	1,300	87.0	113,000
Arapahoe	1,300	...	...	...	400	30.0	12,000	400	30.0	12,000
Archuleta	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Baca	400	100	70.0	7,000	...	...	...	100	70.0	7,000
Bent	1,500	400	72.5	29,000	...	...	...	400	72.5	29,000
Boulder	1,900	100	80.0	8,000	400	40.0	16,000	500	48.0	24,000
Chaffee . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	1,100	100	80.0	8,000	200	30.0	6,000	300	46.5	14,000
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos	4,000	2,200	68.5	151,000	...	...	...	2,200	68.5	151,000
Costilla	1,700	800	87.5	70,000	...	...	...	800	87.5	70,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	1,000	500	82.0	41,000	...	...	...	500	82.0	41,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	800	400	87.5	35,000	...	...	...	400	87.5	35,000
Douglas	2,000	...	...	...	500	32.0	16,000	500	32.0	16,000
Eagle	200	100	80.0	8,000	...	...	...	100	80.0	8,000
Elbert	8,800	500	76.0	38,000	2,200	42.0	92,000	2,700	48.0	130,000
El Paso	1,600	...	...	...	400	40.0	16,000	400	40.0	16,000
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	700	400	85.0	34,000	...	...	...	400	85.0	34,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...	...
Grand . . . . .	...	...	...	...	...	...	...	...	...	...
Gunnison . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Jackson . . . . .	...	...	...	...	...	...	...	...	...	...
Jefferson . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson	3,000	200	75.0	15,000	500	36.0	18,000	700	47.0	33,000
Lake . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	4,000	1,000	68.0	68,000	1,300	24.0	31,000	2,300	43.0	99,000
Larimer	2,700	700	64.5	45,000	...	...	...	700	64.5	45,000
Las Animas	500	100	70.0	7,000	...	...	...	100	70.0	7,000
Lincoln	1,100	...	...	...	300	33.5	10,000	300	33.5	10,000
Logan	5,400	400	75.0	30,000	1,100	30.0	33,000	1,500	42.0	63,000
Mesa	2,400	1,400	83.5	117,000	...	...	...	1,400	83.5	117,000
Mineral	200	100	70.0	7,000	...	...	...	100	70.0	7,000
Moffat	1,500	...	...	...	600	45.0	27,000	600	45.0	27,000
Montezuma	1,200	500	90.0	45,000	...	...	...	500	90.0	45,000
Montrose	2,200	1,200	68.5	82,000	...	...	...	1,200	68.5	82,000
Morgan	2,400	400	80.0	32,000	200	30.0	6,000	600	63.5	38,000
Otero	1,700	300	73.5	22,000	...	...	...	300	73.5	22,000
Ouray	200	100	60.0	6,000	...	...	...	100	60.0	6,000
Park . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	2,700	...	...	...	700	45.5	32,000	700	45.5	32,000
Pitkin . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	400	100	70.0	7,000	...	...	...	100	70.0	7,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Blanco	400	100	70.0	7,000	100	40.0	4,000	200	55.0	11,000
Rio Grande	1,800	900	89.0	80,000	...	...	...	900	89.0	80,000
Routt	1,400	100	60.0	6,000	500	46.0	23,000	600	48.5	29,000
Saguache	1,700	700	65.5	46,000	...	...	...	700	65.5	46,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	300	...	...	...	100	20.0	2,000	100	20.0	2,000
Sedgwick	4,800	200	65.0	13,000	1,000	49.0	49,000	1,200	51.5	62,000
Summit . . . . .	...	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...	...
Washington	2,700	300	70.0	21,000	400	30.0	12,000	700	47.0	33,000
Weld	6,800	900	75.5	68,000	600	58.5	35,000	1,500	68.5	103,000
Yuma	2,100	100	80.0	8,000	300	43.5	13,000	400	52.5	21,000
State Total	88,000	17,000	76.5	1,298,000	13,000	38.5	502,000	30,000	60.0	1,800,000

Sorghum for Grain: Production by County, Colorado, 1991

with Ranking of First Five Counties



BUSHEL



Sorghum for Grain: Acreage and production by district, Colorado, 1990-91

District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	7,400	500	70.0	35,000	1,700	41.0	70,000	2,200	47.5	105,000
East Central	104,000	12,200	65.0	790,000	62,300	35.0	2,180,000	74,500	40.0	2,970,000
Southwest	600	300	83.5	25,000	...	...	...	300	83.5	25,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	158,000	51,000	78.5	4,000,000	92,000	35.0	3,240,000	143,000	50.5	7,240,000
State Total	270,000	64,000	76.0	4,850,000	156,000	35.0	5,490,000	220,000	47.0	10,340,000
1991	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	9,000	500	60.0	30,000	800	30.0	24,000	1,300	41.5	54,000
East Central	130,000	11,300	55.0	621,000	97,200	34.0	3,291,000	108,500	36.0	3,912,000
Southwest	1,000	200	70.0	14,000	...	...	...	200	70.0	14,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	180,000	53,000	61.0	3,235,000	107,000	33.5	3,585,000	160,000	42.5	6,820,000
State Total	320,000	65,000	60.0	3,900,000	205,000	33.5	6,900,000	270,000	40.0	10,800,000

1/ Planted for all purposes.

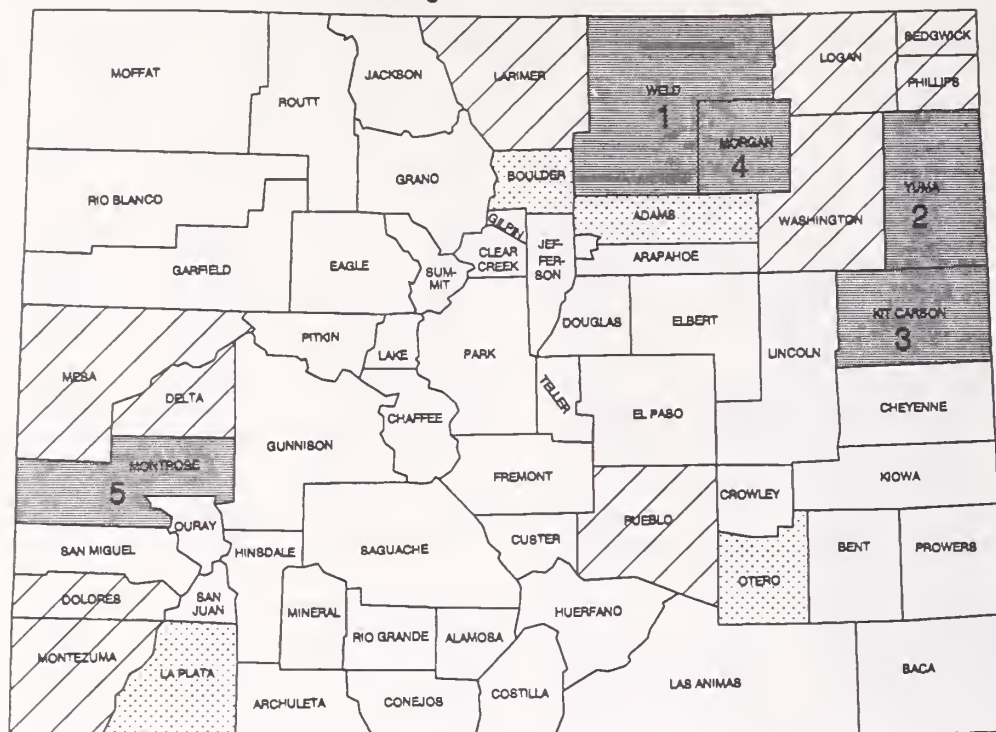
Sorghum for Grain: Acreage and production by county, Colorado, 1990-91

County	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Bu.	Bushels	Acres	Bu.	Bushels	Acres	Bu.	Bushels
Adams	3,400	1,000	50.0	50,000	1,500	33.5	50,000	2,500	40.0	100,000
Arapahoe	600	...	...	...	...	...	...	...	...	...
Baca	110,000	21,300	73.0	1,550,000	83,700	35.0	2,940,000	105,000	43.0	4,490,000
Bent	12,500	10,000	82.0	820,000	1,200	30.0	36,000	11,200	76.5	856,000
Cheyenne	12,200	800	52.5	42,000	8,700	37.0	320,000	9,500	38.0	362,000
Crowley	4,700	2,200	72.5	160,000	800	34.0	27,000	3,000	62.5	187,000
Douglas	400	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	200	35.0	7,000	200	35.0	7,000
El Paso	2,500	...	...	...	1,000	32.0	32,000	1,000	32.0	32,000
Kiowa	38,500	2,600	69.0	180,000	27,400	35.0	963,000	30,000	38.0	1,143,000
Kit Carson	9,400	4,400	71.5	315,000	2,400	33.5	80,000	6,800	58.0	395,000
Larimer	100	...	...	...	...	...	...	...	...	...
Las Animas	1,500	500	70.0	35,000	200	25.0	5,000	700	57.0	40,000
Lincoln	13,000	600	66.5	40,000	9,200	31.5	290,000	9,800	33.5	330,000
Logan	1,300	100	69.0	6,900	800	37.5	30,000	900	41.0	36,900
Mesa	500	300	83.5	25,000	...	...	...	300	83.5	25,000
Montrose	100	...	...	...	...	...	...	...	...	...
Morgan	3,500	100	71.0	7,100	500	42.0	21,000	600	47.0	28,100
Otero	2,300	1,500	86.5	130,000	400	32.5	13,000	1,900	75.5	143,000
Phillips	4,000	500	76.0	38,000	3,000	40.0	120,000	3,500	45.0	158,000
Prowers	24,000	14,500	84.0	1,220,000	4,700	39.0	184,000	19,200	73.0	1,404,000
Pueblo	3,000	1,000	85.0	85,000	1,000	35.0	35,000	2,000	60.0	120,000
Sedgwick	500	...	...	...	...	...	...	...	...	...
Washington	8,100	600	66.5	40,000	3,400	35.5	120,000	4,000	40.0	160,000
Weld	2,000	300	70.0	21,000	400	47.5	19,000	700	57.0	40,000
Yuma	11,500	1,700	50.0	85,000	5,500	36.0	198,000	7,200	39.5	283,000
State Total	270,000	64,000	76.0	4,850,000	156,000	35.0	5,490,000	220,000	47.0	10,340,000
1991										
Adams	3,400	700	48.5	34,000	1,600	30.0	48,000	2,300	35.5	82,000
Arapahoe	300	...	...	...	...	...	...	...	...	...
Baca	126,000	25,000	50.0	1,250,000	92,500	33.5	3,080,000	117,500	37.0	4,330,000
Bent	12,500	9,900	70.5	698,000	600	30.0	18,000	10,500	68.0	716,000
Cheyenne	17,300	600	60.0	36,000	12,400	34.0	422,000	13,000	35.0	458,000
Crowley	6,800	1,600	67.5	108,000	2,600	35.0	91,000	4,200	47.5	199,000
Douglas	200	...	...	...	...	...	...	...	...	...
Elbert	500	...	...	...	400	30.0	12,000	400	30.0	12,000
El Paso	3,900	...	...	...	1,200	30.0	36,000	1,200	30.0	36,000
Kiowa	55,000	3,900	49.0	192,000	49,600	34.0	1,688,000	53,500	35.0	1,880,000
Kit Carson	7,700	3,000	64.0	192,000	2,300	27.5	63,000	5,300	48.0	255,000
La Plata	300	...	...	...	...	...	...	...	...	...
Las Animas	1,200	500	60.0	30,000	500	32.0	16,000	1,000	46.0	46,000
Lincoln	20,000	1,000	57.0	57,000	17,500	30.0	525,000	18,500	31.5	582,000
Logan	1,600	100	59.0	5,900	300	25.0	7,500	400	33.5	13,400
Mesa	700	200	70.0	14,000	...	...	...	200	70.0	14,000
Morgan	3,500	100	61.0	6,100	300	30.0	9,000	400	37.5	15,100
Otero	3,000	1,400	70.5	99,000	100	30.0	3,000	1,500	68.0	102,000
Phillips	3,000	400	65.0	26,000	2,400	38.0	91,000	2,800	42.0	117,000
Prowers	27,500	14,000	72.0	1,008,000	9,500	34.0	323,000	23,500	56.5	1,331,000
Pueblo	3,000	600	70.0	42,000	1,200	45.0	54,000	1,800	53.5	96,000
Sedgwick	200	...	...	...	...	...	...	...	...	...
Washington	6,300	500	58.0	29,000	2,900	35.0	102,000	3,400	38.5	131,000
Weld	3,700	300	60.0	18,000	200	37.5	7,500	500	51.0	25,500
Yuma	12,400	1,200	46.0	55,000	6,900	44.0	304,000	8,100	44.5	359,000
State Total	320,000	65,000	60.0	3,900,000	205,000	33.5	6,900,000	270,000	40.0	10,800,000

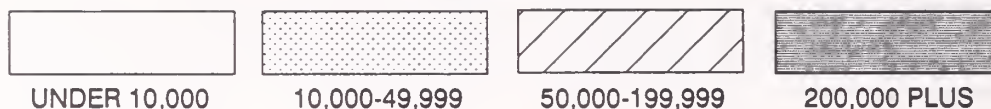
1/ Planted for all purposes.

Dry Beans: Production by County, Colorado, 1991

with Ranking of First Five Counties



CWT.



Dry Beans: Acreage and production by district, Colorado, 1990-91

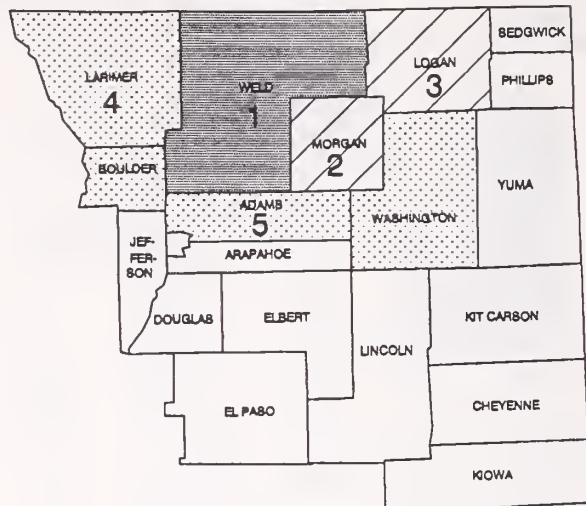
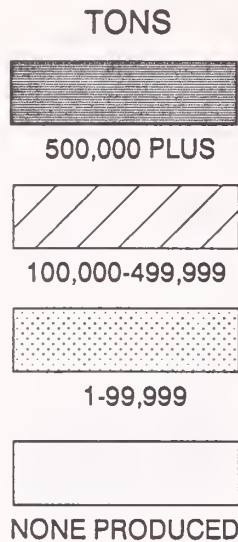
District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
1990	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	92,000	89,000	2,230	1,985,000	1,000	1,000	10,000	90,000	2,220	1,995,000
East Central	81,500	75,000	2,160	1,618,000	5,000	800	40,000	80,000	2,070	1,658,000
Southwest	61,000	18,500	2,140	396,000	26,500	210	55,000	45,000	1,000	451,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	10,500	7,500	2,080	156,000	2,500	600	15,000	10,000	1,710	171,000
State Total	245,000	190,000	2,190	4,155,000	35,000	340	120,000	225,000	1,900	4,275,000
1991	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
NW & Mountain .	...	...	...	...	...	...	...	...	...	...
Northeast	64,000	62,500	2,300	1,440,000	500	700	3,500	63,000	2,290	1,443,500
East Central	55,300	52,500	2,250	1,180,000	1,500	1,100	16,500	54,000	2,220	1,196,500
Southwest	53,200	20,000	2,200	440,000	26,000	460	120,000	46,000	1,220	560,000
San Luis Valley . .	...	...	...	...	...	...	...	...	...	...
Southeast	7,500	5,000	2,100	105,000	2,000	500	10,000	7,000	1,640	115,000
State Total	180,000	140,000	2,260	3,165,000	30,000	500	150,000	170,000	1,950	3,315,000

Dry Beans: Acreage and production by county, Colorado, 1990-91

County	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1990	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	1,700	1,700	1,880	32,000	...	...	...	1,700	1,880	32,000
Arapahoe	400	...	...	...	400	750	3,000	400	750	3,000
Bent	600	600	1,500	9,000	...	...	...	600	1,500	9,000
Boulder	2,900	2,800	1,640	46,000	...	...	...	2,800	1,640	46,000
Cheyenne	500	500	2,200	11,000	...	...	...	500	2,200	11,000
Crowley	500	500	1,500	7,500	...	...	...	500	1,500	7,500
Delta	3,100	3,000	2,200	66,000	...	...	...	3,000	2,200	66,000
Dolores	24,500	3,000	1,500	45,000	12,000	150	18,000	15,000	420	63,000
El Paso	200	...	...	...	200	750	1,500	200	750	1,500
Kit Carson	23,500	21,300	2,300	489,000	1,700	880	15,000	23,000	2,190	504,000
La Plata	6,300	...	...	...	4,500	330	15,000	4,500	330	15,000
Larimer	10,700	10,600	2,370	251,000	...	...	...	10,600	2,370	251,000
Las Animas	400	...	...	...	400	700	2,800	400	700	2,800
Logan	9,100	8,900	2,030	181,000	...	...	...	8,900	2,030	181,000
Mesa	3,000	2,900	1,900	55,000	...	...	...	2,900	1,900	55,000
Montezuma	12,500	700	1,570	11,000	8,300	200	17,000	9,000	310	28,000
Montrose	9,000	8,900	2,460	219,000	...	...	...	8,900	2,460	219,000
Morgan	15,500	15,000	2,330	350,000	...	...	...	15,000	2,330	350,000
Otero	3,400	3,000	2,130	64,000	200	750	1,500	3,200	2,050	65,500
Phillips	12,200	10,800	1,930	208,000	1,200	790	9,500	12,000	1,810	217,500
Prowers	1,000	1,000	1,500	15,000	...	...	...	1,000	1,500	15,000
Pueblo	4,600	2,400	2,520	60,500	1,900	560	10,700	4,300	1,660	71,200
San Miguel	2,600	...	...	...	1,700	290	5,000	1,700	290	5,000
Sedgwick	7,800	7,000	1,960	137,000	700	990	6,900	7,700	1,870	143,900
Washington	6,800	6,400	2,270	145,000	300	670	2,000	6,700	2,190	147,000
Weld	46,000	44,700	2,280	1,020,000	300	1,030	3,100	45,000	2,270	1,023,100
Yuma	36,200	34,300	2,140	733,000	1,200	750	9,000	35,500	2,090	742,000
State Total	245,000	190,000	2,190	4,155,000	35,000	340	120,000	225,000	1,900	4,275,000
1991										
Adams	900	900	2,110	19,000	...	...	...	900	2,110	19,000
Arapahoe	200	200	1,750	3,500	...	...	...	200	1,750	3,500
Bent	200	200	1,750	3,500	...	...	...	200	1,750	3,500
Boulder	2,300	2,300	2,040	47,000	...	...	...	2,300	2,040	47,000
Cheyenne	300	300	2,330	7,000	...	...	...	300	2,330	7,000
Crowley	200	200	1,650	3,300	...	...	...	200	1,650	3,300
Delta	3,500	3,500	2,510	88,000	...	...	...	3,500	2,510	88,000
Dolores	24,100	4,400	1,240	54,500	15,400	430	66,000	19,800	610	120,500
El Paso	100	...	...	...	100	500	500	100	500	500
Kit Carson	18,700	17,700	2,100	372,000	500	1,160	5,800	18,200	2,080	377,800
La Plata	4,500	...	...	...	3,400	500	17,000	3,400	500	17,000
Larimer	6,300	6,200	2,580	160,000	...	...	...	6,200	2,580	160,000
Lincoln	300	...	...	...	300	1,100	3,300	300	1,100	3,300
Logan	6,600	6,500	1,880	122,000	...	...	...	6,500	1,880	122,000
Mesa	2,400	2,400	2,350	56,500	...	...	...	2,400	2,350	56,500
Montezuma	8,800	1,900	1,630	31,000	5,600	580	32,200	7,500	840	63,200
Montrose	7,900	7,800	2,690	210,000	...	...	...	7,800	2,690	210,000
Morgan	9,700	9,300	2,400	223,000	200	550	1,100	9,500	2,360	224,100
Otero	2,100	1,900	1,840	35,000	...	...	...	1,900	1,840	35,000
Phillips	7,100	6,700	2,250	151,000	300	1,400	4,200	7,000	2,220	155,200
Prowers	700	300	2,170	6,500	400	300	1,200	700	1,100	7,700
Pueblo	4,300	2,400	2,360	56,700	1,600	550	8,800	4,000	1,640	65,500
San Miguel	2,000	...	...	...	1,600	300	4,800	1,600	300	4,800
Sedgwick	5,600	5,200	2,210	115,000	300	800	2,400	5,500	2,130	117,400
Washington	4,900	4,800	2,210	106,000	...	...	...	4,800	2,210	106,000
Weld	33,500	33,000	2,340	773,000	...	...	...	33,000	2,340	773,000
Yuma	22,800	21,900	2,380	521,500	300	900	2,700	22,200	2,360	524,200
State Total	180,000	140,000	2,260	3,165,000	30,000	500	150,000	170,000	1,950	3,315,000

SUGAR BEETS: Production by County, Colorado, 1991

with Ranking of First Five Counties



Sugar Beets: Acreage and production by district, Colorado, 1990-91

County	1990				1991			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Tons	Tons	Acres		Tons	Tons
NW & Mountain ..	...	...	...	...	...	...	...	...
Northeast	39,730	38,930	23.6	919,800	39,080	38,600	24.1	928,400
East Central	1,070	1,070	22.6	24,200	1,620	1,600	22.9	36,600
Southwest .....	...	...	...	...	...	...	...	...
San Luis Valley ...	...	...	...	...	...	...	...	...
Southeast .....	...	...	...	...	...	...	...	...
State Total	40,800	40,000	23.6	944,000	40,700	40,200	24.0	965,000

Sugar Beets: Acreage and production by county, Colorado, 1990-91

County	1990				1991			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Tons	Tons	Acres		Tons	Tons
Adams	610	610	22.3	13,600	1,150	1,130	22.7	25,700
Boulder	940	840	23.2	19,500	920	910	23.1	21,000
Larimer	2,340	2,310	21.0	48,500	2,460	2,450	20.1	49,300
Logan	4,460	4,420	23.0	101,700	4,400	4,360	23.3	101,800
Morgan	10,140	9,990	24.9	248,800	9,580	9,480	23.1	219,100
Washington	460	460	23.0	10,600	470	470	23.2	10,900
Weld	21,850	21,370	23.5	501,300	21,720	21,400	25.1	537,200
State Total	40,800	40,000	23.6	944,000	40,700	40,200	24.0	965,000

Potatoes: Acreage and production by county, Colorado, 1990-91

County	1990					1991				
	Acreage		Yield per acre	Production		Acreage		Yield per acre	Production	
	Planted	Harvested				Planted	Harvested			
	Acres		Cwt.	1,000 Cwt.		Acres		Cwt.	1,000 Cwt.	
Alamosa	22,300	22,200	345	7,660		21,000	20,000	360	7,200	
Concejos	2,000	2,000	350	700		2,900	2,800	340	950	
Costilla	3,350	3,300	350	1,160		4,800	4,700	365	1,715	
Morgan	2,000	2,000	305	610		1,600	1,600	270	432	
Rio Grande	24,150	24,000	355	8,520		26,000	25,700	340	8,755	
Saguache	13,700	13,500	350	4,710		16,300	14,800	350	5,180	
Weld	3,700	3,600	290	1,044		3,800	3,800	295	1,121	
Other counties . . .	1,600	1,600	295	470		1,600	1,500	320	483	
State Total	72,800	72,200	345	24,874		78,000	74,900	345	25,836	

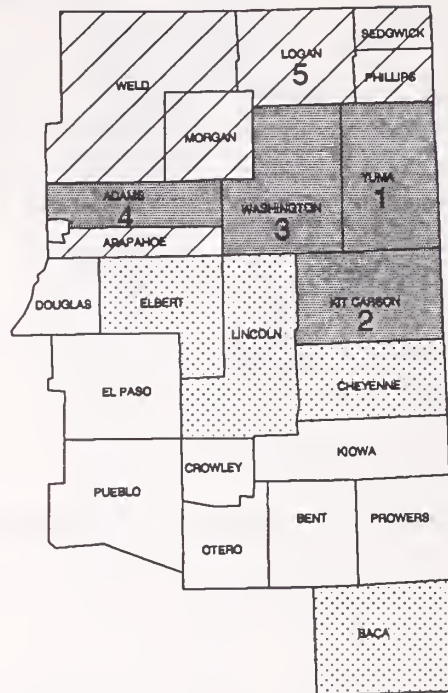
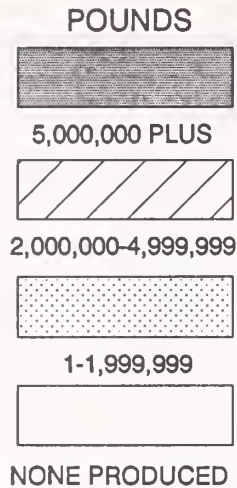
Potatoes: Production and disposition by seasonal group, Colorado, 1981-90

Year	Summer Crop					Fall Crop				
	Farm disposition					Farm Disposition				
	Production	Seed feed & home use	Shrinkage & loss	Sold		Production	Seed feed & home use	Shrinkage & loss	Sold	
				Quantity	% of Production				Quantity	% of Production
	1,000 Cwt.			1,000 Cwt.	Percent	1,000 Cwt.			1,000 Cwt.	Percent
1981	1,904	3	115	1,786	94	11,600	660	940	10,000	86
1982	1,794	14	100	1,680	94	12,825	618	1,057	11,150	91
1983	1,870	9	131	1,730	93	13,950	770	1,100	12,080	87
1984	1,988	3	120	1,865	94	17,225	730	1,690	14,805	86
1985	2,220	4	31	2,185	98	17,920	836	2,873	14,211	79
1986	2,070	4	110	1,956	94	18,810	930	1,605	16,275	87
1987	1,859	3	91	1,765	95	19,500	920	1,870	16,710	86
1988	1,861	11	73	1,777	95	19,040	996	1,430	16,614	87
1989	2,144	4	90	2,050	96	20,603	1,067	1,550	17,986	87
1990	2,124	3	125	1,996	94	22,750	1,140	2,685	18,925	83

Fall Potatoes: Production and stocks, Colorado, 1982-92

	Production	Stocks and percent of production held by growers and commercial storages											
		December 1		January 1		February 1		March 1		April 1		May 1	
		Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.
	1,000 Cwt.	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%
1982-83 . . .	12,825	9,550	74	8,250	64	6,750	53	5,500	43	4,000	31	2,750	21
1983-84 . . .	13,950	10,500	75	9,000	65	7,100	51	5,700	41	4,200	30	2,550	18
1984-85 . . .	17,225	12,700	74	10,950	64	8,900	52	7,150	42	5,400	31	3,350	19
1985-86 . . .	17,920	14,600	81	12,900	72	11,000	61	9,350	52	7,550	42	5,350	30
1986-87 . . .	18,810	13,600	72	11,750	62	9,750	52	8,200	44	6,300	33	4,250	23
1987-88 . . .	19,500	15,600	80	13,800	71	11,800	61	10,200	52	8,100	42	5,900	30
1988-89 . . .	19,040	14,700	77	12,950	68	11,200	59	9,450	50	7,400	39	5,500	29
1989-90 . . .	20,603	15,650	76	13,750	67	11,700	57	9,850	48	7,600	37	5,600	27
1990-91 . . .	22,750	16,550	73	14,400	63	11,800	52	9,950	44	7,700	34	5,650	25
1991-92 . . .	23,800	18,150	76	16,050	67	13,700	58	11,850	50	9,500	40	7,000	29

SUNFLOWERS: Production by County, Colorado, 1991
with Ranking of First Five Counties



Sunflowers: Acreage and production by district, Colorado, 1991

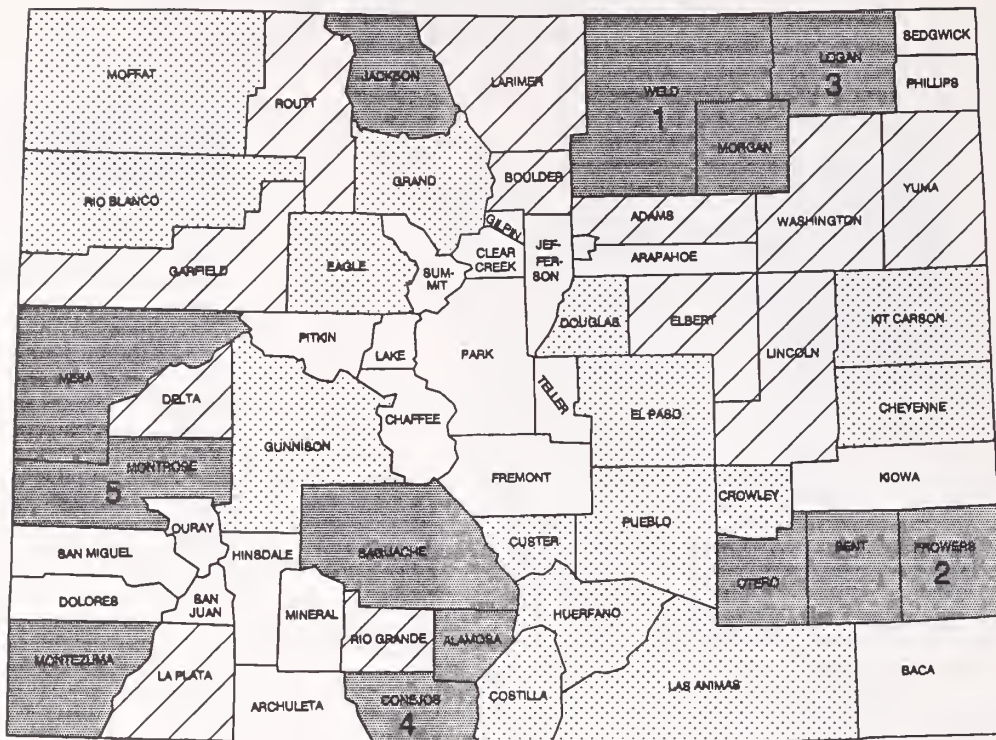
District	Acreage planted	Acreage harvested	Yield per acre	Production
	Acres	Acres	Pounds	Pounds
Sunflowers, All				
NW & Mountain	...	...	...	...
Northeast	16,200	15,400	860	13,235,000
East Central	46,500	44,400	1,010	44,845,000
Southwest	...	...	...	...
San Luis Valley	...	...	...	...
Southeast	300	200	850	170,000
State Total	63,000	60,000	970	58,250,000
Sunflowers, Oil				
NW & Mountain	...	...	...	...
Northeast	8,900	8,500	765	6,505,000
East Central	28,100	26,500	1,010	26,745,000
Southwest	...	...	...	...
San Luis Valley	...	...	...	...
Southeast	...	...	...	...
State Total	37,000	35,000	950	33,250,000
Sunflowers, Non-Oil				
NW & Mountain	...	...	...	...
Northeast	7,300	6,900	975	6,730,000
East Central	18,400	17,900	1,010	18,100,000
Southwest	...	...	...	...
San Luis Valley	...	...	...	...
Southeast	300	200	850	170,000
State Total	26,000	25,000	1,000	25,000,000

Sunflowers: Acreage and production by county, Colorado, 1991

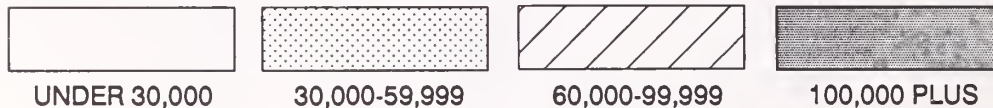
County	Acreage planted	Acreage harvested	Yield per acre	Production
	Acres	Acres	Pounds	Pounds
Sunflowers, All				
Adams	8,300	8,000	645	5,145,000
Arapahoe	3,900	3,800	780	2,970,000
Baca	300	200	850	170,000
Cheyenne	100	100	850	85,000
Elbert	500	500	480	240,000
Kit Carson	8,000	7,100	1,210	8,595,000
Lincoln	500	500	600	300,000
Logan	5,000	4,900	860	4,225,000
Morgan	2,600	2,300	985	2,260,000
Phillips	2,800	2,600	955	2,480,000
Sedgwick	5,100	4,900	800	3,925,000
Washington	8,000	7,800	855	6,675,000
Weld	3,500	3,300	855	2,825,000
Yuma	14,400	14,000	1,310	18,355,000
State Total	63,000	60,000	971	58,250,000
Sunflowers, Oil				
Adams	4,200	4,000	660	2,630,000
Arapahoe	1,900	1,800	950	1,710,000
Baca . . . . .	...	...	...	...
Cheyenne . . . . .	...	...	...	...
Elbert	500	500	480	240,000
Kit Carson	3,700	3,000	1,055	3,160,000
Lincoln	500	500	600	300,000
Logan	3,800	3,800	870	3,315,000
Morgan	1,200	1,000	695	695,000
Phillips	2,500	2,300	960	2,205,000
Sedgwick	2,300	2,200	600	1,325,000
Washington	3,500	3,400	680	2,320,000
Weld	1,600	1,500	780	1,170,000
Yuma	11,300	11,000	1,290	14,180,000
State Total	37,000	35,000	950	33,250,000
Sunflowers, Non-Oil				
Adams	4,100	4,000	630	2,515,000
Arapahoe	2,000	2,000	630	1,260,000
Baca	300	200	850	170,000
Cheyenne	100	100	850	85,000
Elbert . . . . .	...	...	...	...
Kit Carson	4,300	4,100	1,325	5,435,000
Lincoln . . . . .	...	...	...	...
Logan	1,200	1,100	825	910,000
Morgan	1,400	1,300	1,205	1,565,000
Phillips	300	300	915	275,000
Sedgwick	2,800	2,700	965	2,600,000
Washington	4,500	4,400	990	4,355,000
Weld	1,900	1,800	920	1,655,000
Yuma	3,100	3,000	1,390	4,175,000
State Total	26,000	25,000	1,000	25,000,000

All Hay: Production by County, Colorado, 1991

with Ranking of First Five Counties



TONS



All Hay: Acreage and production by district, Colorado, 1990-91

District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
1990	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
NW & Mountain .	301,000	1.50	456,000	39,000	1.05	41,000	340,000	1.45	497,000
Northeast	205,000	4.15	855,000	65,000	1.40	91,000	270,000	3.50	946,000
East Central	72,000	3.80	275,000	178,000	1.30	227,000	250,000	2.00	502,000
Southwest	219,000	2.75	605,000	36,000	1.00	36,000	255,000	2.50	641,000
San Luis Valley . .	214,000	2.30	489,000	6,000	1.50	9,000	220,000	2.25	498,000
Southeast	189,000	3.60	685,000	26,000	1.40	36,000	215,000	3.35	721,000
State Total	1,200,000	2.80	3,365,000	350,000	1.25	440,000	1,550,000	2.45	3,805,000
1991									
NW & Mountain .	286,000	1.65	478,000	34,000	1.30	44,000	320,000	1.65	522,000
Northeast	203,000	4.60	935,000	57,000	1.45	82,000	260,000	3.90	1,017,000
East Central	75,000	4.35	326,000	175,000	1.60	276,000	250,000	2.40	602,000
Southwest	216,000	3.00	648,000	34,000	1.05	36,000	250,000	2.75	684,000
San Luis Valley . .	198,000	2.45	485,000	7,000	1.70	12,000	205,000	2.40	497,000
Southeast	187,000	3.75	697,000	28,000	1.55	43,000	215,000	3.45	740,000
State Total	1,165,000	3.05	3,569,000	335,000	1.45	493,000	1,500,000	2.70	4,062,000

All Hay: Acreage and production by county, Colorado, 1990

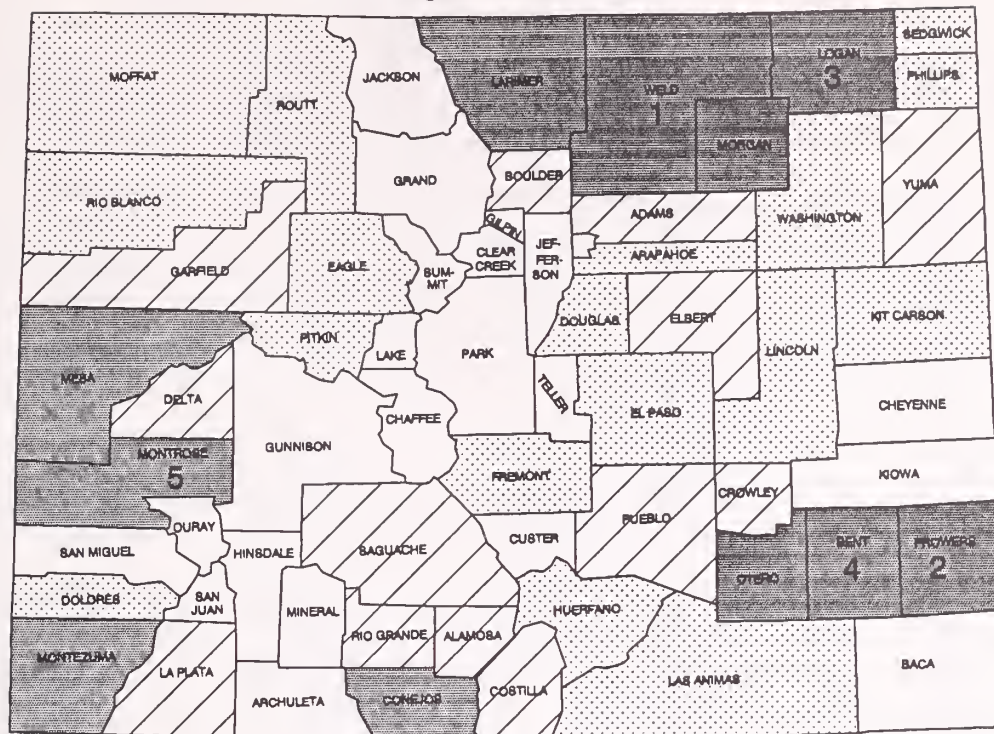
County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	10,200	3.95	40,300	10,900	1.20	13,000	21,100	2.55	53,300
Alamosa	38,000	2.35	90,200	500	1.40	700	38,500	2.35	90,900
Arapahoe	2,600	3.20	8,300	4,700	1.10	5,100	7,300	1.85	13,400
Archuleta	5,800	1.85	10,700	2,000	.95	1,900	7,800	1.60	12,600
Baca	3,100	3.40	10,500	8,200	1.30	10,700	11,300	1.90	21,200
Bent	35,400	4.05	143,000	1,300	1.15	1,500	36,700	3.95	144,500
Boulder	21,500	3.30	70,900	2,500	1.10	2,700	24,000	3.05	73,600
Chaffee	17,500	1.85	32,200	...	...	...	17,500	1.85	32,200
Cheyenne	2,200	2.70	5,900	12,800	1.30	16,600	15,000	1.50	22,500
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Conejos	71,000	2.00	143,200	2,000	1.35	2,700	73,000	2.00	145,900
Costilla	18,000	3.20	58,000	1,000	1.80	1,800	19,000	3.15	59,800
Crowley	9,300	3.55	33,000	2,700	1.90	5,100	12,000	3.20	38,100
Custer	17,200	1.90	32,800	1,300	1.60	2,100	18,500	1.90	34,900
Delta	27,800	2.75	76,600	1,700	1.35	2,300	29,500	2.65	78,900
Denver	...	...	...	...	...	...	...	...	...
Dolores	3,600	3.65	13,200	4,200	1.00	4,100	7,800	2.20	17,300
Douglas	4,300	2.25	9,600	13,200	1.10	14,500	17,500	1.40	24,100
Eagle	22,800	1.55	35,800	1,000	1.00	1,000	23,800	1.55	36,800
Elbert	7,200	4.25	30,500	33,800	1.00	33,800	41,000	1.55	64,300
El Paso	7,100	3.15	22,300	15,400	.95	15,000	22,500	1.65	37,300
Fremont	8,700	2.65	23,000	1,000	1.70	1,700	9,700	2.55	24,700
Garfield	32,500	2.25	73,000	1,500	1.75	2,600	34,000	2.20	75,600
Gilpin	200	1.50	300	...	...	...	200	1.50	300
Grand	36,900	1.35	50,700	1,500	1.20	1,800	38,400	1.35	52,500
Gunnison	33,100	1.55	51,000	...	...	...	33,100	1.55	51,000
Hinsdale	1,300	1.40	1,800	...	...	...	1,300	1.40	1,800
Huerfano	12,500	2.50	31,000	1,500	1.35	2,000	14,000	2.35	33,000
Jackson	78,600	1.25	97,700	2,000	1.10	2,200	80,600	1.25	99,900
Jefferson	4,900	2.45	12,100	4,400	.85	3,700	9,300	1.70	15,800
Kiowa	1,100	2.65	2,900	9,700	1.15	11,300	10,800	1.30	14,200
Kit Carson	8,600	3.45	29,600	13,200	1.55	20,300	21,800	2.30	49,900
Lake	2,100	1.10	2,300	...	...	...	2,100	1.10	2,300
La Plata	29,500	2.45	72,000	3,800	1.30	4,900	33,300	2.30	76,900
Larimer	29,000	3.50	101,000	4,000	1.65	6,600	33,000	3.25	107,600
Las Animas	14,700	2.45	36,000	1,800	1.10	2,000	16,500	2.30	38,000
Lincoln	3,800	3.20	12,100	29,200	1.40	40,800	33,000	1.60	52,900
Logan	28,200	4.35	123,000	14,300	1.55	22,000	42,500	3.40	145,000
Mesa	37,800	3.50	131,500	...	...	...	37,800	3.50	131,500
Mineral	500	2.00	1,000	...	...	...	500	2.00	1,000
Moffat	15,300	1.90	29,000	13,200	1.00	13,100	28,500	1.50	42,100
Montezuma	28,200	2.65	75,100	18,800	.75	14,500	47,000	1.90	89,600
Montrose	35,500	3.40	120,000	1,000	1.80	1,800	36,500	3.35	121,800
Morgan	20,700	4.55	94,500	8,800	1.50	13,100	29,500	3.65	107,600
Otero	24,000	4.25	102,200	800	2.15	1,700	24,800	4.20	103,900
Ouray	10,000	1.80	18,100	2,000	1.40	2,800	12,000	1.75	20,900
Park	11,700	1.15	13,200	3,300	.95	3,200	15,000	1.10	16,400
Phillips	3,000	4.55	13,700	3,500	1.70	6,000	6,500	3.05	19,700
Pitkin	7,800	1.45	11,300	...	...	...	7,800	1.45	11,300
Prowers	49,400	4.55	224,500	4,100	1.15	4,800	53,500	4.30	229,300
Pueblo	14,700	3.35	49,000	3,300	1.35	4,400	18,000	2.95	53,400
Rio Blanco	20,700	1.90	39,000	3,100	1.05	3,300	23,800	1.80	42,300
Rio Grande	30,500	2.60	79,600	500	1.60	800	31,000	2.60	80,400
Routt	45,300	1.80	81,500	12,200	1.10	13,700	57,500	1.65	95,200
Saguache	56,000	2.10	117,000	2,000	1.50	3,000	58,000	2.05	120,000
San Juan	...	...	...	...	...	...	...	...	...
San Miguel	7,000	1.85	13,000	1,000	1.10	1,100	8,000	1.75	14,100
Sedgwick	4,700	4.15	19,500	2,500	1.60	4,000	7,200	3.25	23,500
Summit	7,500	1.35	10,000	1,000	1.20	1,200	8,500	1.30	11,200
Teller	1,300	1.30	1,700	1,700	.90	1,500	3,000	1.05	3,200
Washington	7,900	3.85	30,300	20,600	1.65	33,800	28,500	2.25	64,100
Weld	96,000	4.50	434,000	28,500	1.35	38,900	124,500	3.80	472,900
Yuma	14,000	4.95	69,500	11,000	1.55	16,800	25,000	3.45	86,300
State Total	1,200,000	2.80	3,365,000	350,000	1.25	440,000	1,550,000	2.45	3,805,000

All Hay: Acreage and production by county, Colorado, 1991

County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	10,400	4.55	47,200	11,800	1.45	17,100	22,200	2.90	64,300
Alamosa	36,000	2.80	100,700	2,500	1.85	4,600	38,500	2.75	105,300
Arapahoe	2,800	4.05	11,300	5,700	1.20	6,900	8,500	2.15	18,200
Archuleta	4,800	2.20	10,600	1,700	1.20	2,000	6,500	1.95	12,600
Baca	2,600	3.25	8,500	9,600	1.30	12,400	12,200	1.70	20,900
Bent	32,600	4.10	133,200	1,400	1.80	2,500	34,000	4.00	135,700
Boulder	20,800	3.55	73,500	1,800	1.60	2,900	22,600	3.40	76,400
Chaffee	14,500	1.60	23,400	800	1.25	1,000	15,300	1.60	24,400
Cheyenne	2,400	4.40	10,500	12,100	1.70	20,800	14,500	2.15	31,300
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Conejos	63,000	2.30	145,000	2,000	1.60	3,200	65,000	2.30	148,200
Costilla	17,500	3.40	59,200	500	1.40	700	18,000	3.35	59,900
Crowley	10,100	4.55	46,100	3,100	1.85	5,800	13,200	3.95	51,900
Custer	16,800	2.05	34,800	700	1.70	1,200	17,500	2.05	36,000
Delta	26,200	2.80	74,000	1,300	1.30	1,700	27,500	2.75	75,700
Denver . . . . .	...	...	...	...	...	...	...	...	...
Dolores	5,200	3.60	18,800	5,300	.95	5,100	10,500	2.30	23,900
Douglas	5,800	3.40	19,600	12,200	1.10	13,200	18,000	1.80	32,800
Eagle	17,500	1.95	34,100	3,500	1.50	5,300	21,000	1.90	39,400
Elbert	8,900	4.45	39,400	29,100	1.35	39,000	38,000	2.05	78,400
El Paso	9,000	3.70	33,100	13,000	1.30	17,000	22,000	2.30	50,100
Fremont	8,300	2.25	18,600	1,200	1.65	2,000	9,500	2.15	20,600
Garfield	28,000	2.55	71,500	1,000	1.50	1,500	29,000	2.50	73,000
Gilpin	100	2.00	200	...	...	...	100	2.00	200
Grand	38,000	1.35	51,300	2,500	1.05	2,600	40,500	1.35	53,900
Gunnison	34,200	1.65	56,600	...	...	...	34,200	1.65	56,600
Hinsdale	1,300	1.90	2,500	...	...	...	1,300	1.90	2,500
Huerfano	11,300	2.30	26,000	2,000	2.00	4,000	13,300	2.25	30,000
Jackson	83,300	1.40	115,000	1,000	1.20	1,200	84,300	1.40	116,200
Jefferson	4,200	2.75	11,600	3,600	1.30	4,600	7,800	2.10	16,200
Kiowa	400	2.50	1,000	11,600	1.80	21,000	12,000	1.85	22,000
Kit Carson	7,300	4.35	31,800	13,200	1.70	22,300	20,500	2.65	54,100
Lake	2,000	1.50	3,000	...	...	...	2,000	1.50	3,000
La Plata	30,000	2.70	80,800	2,900	1.30	3,700	32,900	2.55	84,500
Larimer	25,700	3.60	93,000	3,300	1.55	5,100	29,000	3.40	98,100
Las Animas	14,000	2.75	38,500	2,300	1.40	3,200	16,300	2.55	41,700
Lincoln	4,500	3.80	17,100	30,000	1.90	56,600	34,500	2.15	73,700
Logan	28,400	4.80	136,300	15,600	1.40	22,200	44,000	3.60	158,500
Mesa	33,100	3.55	118,200	700	1.55	1,100	33,800	3.55	119,300
Mineral	500	1.60	800	...	...	...	500	1.60	800
Moffat	14,200	2.05	29,000	8,500	1.25	10,700	22,700	1.75	39,700
Montezuma	28,400	3.25	92,900	18,100	.90	16,600	46,500	2.35	109,500
Montrose	39,300	3.50	137,000	900	1.55	1,400	40,200	3.45	138,400
Morgan	20,900	4.85	101,600	6,700	1.70	11,500	27,600	4.10	113,100
Otero	24,700	4.30	106,500	800	1.75	1,400	25,500	4.25	107,900
Ouray	12,100	2.20	26,700	1,400	1.35	1,900	13,500	2.10	28,600
Park	10,400	1.10	11,400	2,100	1.00	2,100	12,500	1.10	13,500
Phillips	3,500	4.60	16,100	3,500	1.65	5,800	7,000	3.15	21,900
Pitkin	8,000	2.25	17,900	...	...	...	8,000	2.25	17,900
Prowers	51,600	4.45	229,500	4,400	1.55	6,900	56,000	4.20	236,400
Pueblo	15,000	3.70	55,300	2,500	1.45	3,600	17,500	3.35	58,900
Rio Blanco	21,000	2.30	48,800	2,000	1.15	2,300	23,000	2.20	51,100
Rio Grande	31,000	2.60	80,100	500	1.60	800	31,500	2.55	80,900
Routt	34,000	2.20	74,000	12,000	1.45	17,100	46,000	2.00	91,100
Saguache	50,000	2.00	99,200	1,500	1.80	2,700	51,500	2.00	101,900
San Juan . . . . .	...	...	...	...	...	...	...	...	...
San Miguel	7,600	1.95	15,000	700	1.45	1,000	8,300	1.95	16,000
Sedgwick	5,000	4.20	21,000	2,500	1.70	4,300	7,500	3.35	25,300
Summit	7,500	1.45	11,000	500	1.20	600	8,000	1.45	11,600
Teller	1,100	1.80	2,000	1,100	1.00	1,100	2,200	1.40	3,100
Washington	5,800	4.40	25,600	21,200	1.65	35,400	27,000	2.25	61,000
Weld	98,000	5.10	498,000	23,500	1.35	31,400	121,500	4.35	529,400
Yuma	14,200	5.15	73,300	11,600	1.80	20,900	25,800	3.65	94,200
State Total	1,165,000	3.05	3,569,000	335,000	1.45	493,000	1,500,000	2.70	4,062,000

Alfalfa Hay: Production by County, Colorado, 1991

with Ranking of First Five Counties



TONS



Alfalfa Hay: Acreage and production by district, Colorado, 1990-91

District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
1990	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
NW & Mountain .	38,000	2.10	80,000	17,000	1.05	18,000	55,000	1.80	98,000
Northeast	162,000	4.80	775,000	13,000	1.75	23,000	175,000	4.55	798,000
East Central	50,000	4.70	235,000	30,000	1.20	36,000	80,000	3.40	271,000
Southwest	150,000	3.25	485,000	25,000	.75	19,000	175,000	2.90	504,000
San Luis Valley . .	105,000	2.95	310,000	...	...	...	105,000	2.95	310,000
Southeast	145,000	4.15	600,000	5,000	1.80	9,000	150,000	4.05	609,000
State Total	650,000	3.80	2,485,000	90,000	1.15	105,000	740,000	3.50	2,590,000
1991									
NW & Mountain .	36,000	2.30	83,000	14,000	1.35	19,000	50,000	2.05	102,000
Northeast	163,000	5.20	845,000	12,000	1.75	21,000	175,000	4.95	866,000
East Central	52,000	5.25	272,000	28,000	1.45	41,000	80,000	3.90	313,000
Southwest	134,000	3.55	476,000	26,000	.90	24,000	160,000	3.15	500,000
San Luis Valley . .	105,000	3.20	336,000	...	...	...	105,000	3.20	336,000
Southeast	145,000	4.20	609,000	5,000	2.00	10,000	150,000	4.15	619,000
State Total	635,000	4.15	2,621,000	85,000	1.35	115,000	720,000	3.80	2,736,000

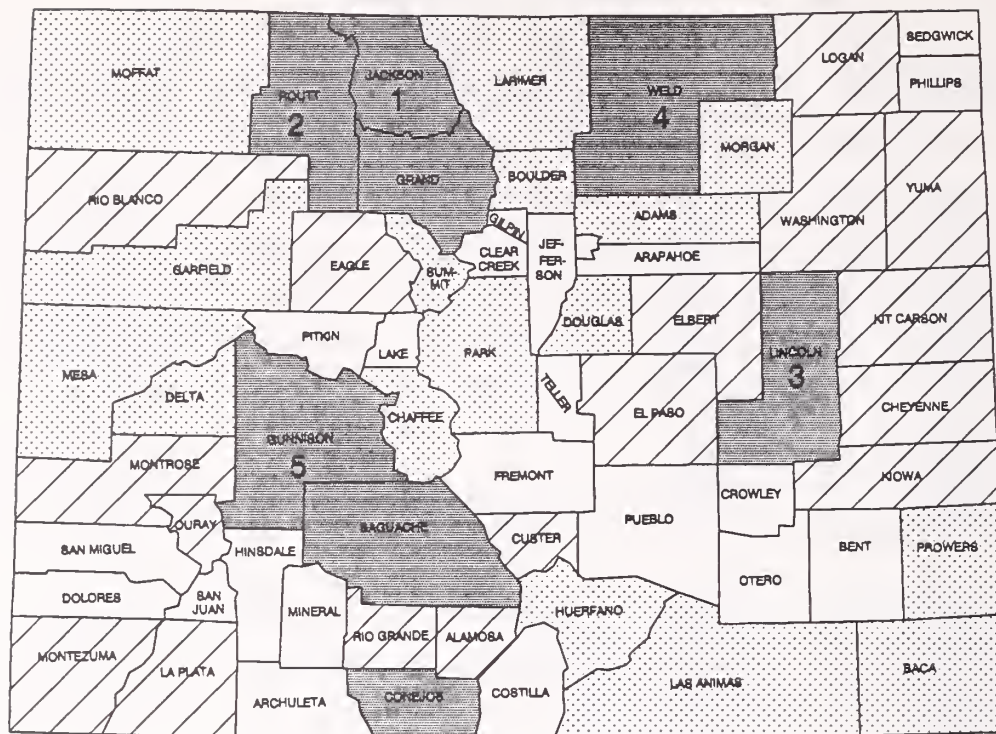
Alfalfa Hay: Acreage and production by county, Colorado, 1990

County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,600	4.65	35,500	2,500	1.60	4,000	10,100	3.90	39,500
Alamosa	22,000	2.85	63,200	...	...	...	22,000	2.85	63,200
Arapahoe	1,600	3.95	6,300	700	1.55	1,100	2,300	3.20	7,400
Archuleta	1,600	3.00	4,800	1,200	.75	900	2,800	2.05	5,700
Baca	1,100	4.10	4,500	400	2.00	800	1,500	3.55	5,300
Bent	33,000	4.20	138,000	...	...	...	33,000	4.20	138,000
Boulder	13,500	3.90	52,900	500	1.60	800	14,000	3.85	53,700
Chaffee	6,000	2.05	12,200	...	...	...	6,000	2.05	12,200
Cheyenne	1,000	3.90	3,900	500	1.20	600	1,500	3.00	4,500
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...
Conejos	37,000	2.55	95,200	...	...	...	37,000	2.55	95,200
Costilla	14,000	3.35	47,000	...	...	...	14,000	3.35	47,000
Crowley	8,500	3.65	31,000	1,500	2.20	3,300	10,000	3.45	34,300
Custer	2,000	2.90	5,800	500	1.60	800	2,500	2.65	6,600
Delta	19,300	3.30	63,600	200	1.00	200	19,500	3.25	63,800
Denver . . . . .	...	...	...	...	...	...	...	...	...
Dolores	3,400	3.80	12,900	3,800	.95	3,600	7,200	2.30	16,500
Douglas	2,300	3.15	7,200	3,200	1.10	3,500	5,500	1.95	10,700
Eagle	9,800	2.00	19,800	...	...	...	9,800	2.00	19,800
Elbert	6,000	4.65	28,000	13,000	1.00	12,800	19,000	2.15	40,800
El Paso	4,900	3.90	19,000	4,100	1.20	5,000	9,000	2.65	24,000
Fremont	4,500	3.10	14,000	...	...	...	4,500	3.10	14,000
Garfield	27,500	2.30	63,300	...	...	...	27,500	2.30	63,300
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	1,400	1.95	2,700	...	...	...	1,400	1.95	2,700
Gunnison	600	3.35	2,000	...	...	...	600	3.35	2,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...
Huerfano	6,500	2.90	19,000	...	...	...	6,500	2.90	19,000
Jackson	600	2.85	1,700	...	...	...	600	2.85	1,700
Jefferson	1,700	3.30	5,600	600	1.35	800	2,300	2.80	6,400
Kiowa	500	4.00	2,000	300	1.00	300	800	2.90	2,300
Kit Carson	4,600	4.70	21,600	200	1.50	300	4,800	4.55	21,900
Lake	200	2.00	400	...	...	...	200	2.00	400
La Plata	18,500	2.65	49,000	2,500	1.00	2,500	21,000	2.45	51,500
Larimer	18,000	4.70	85,000	2,000	2.20	4,400	20,000	4.45	89,400
Las Animas	9,200	3.05	28,000	800	1.00	800	10,000	2.90	28,800
Lincoln	1,600	4.75	7,600	900	.90	800	2,500	3.35	8,400
Logan	24,500	4.70	115,000	2,000	1.50	3,000	26,500	4.45	118,000
Mesa	28,000	4.15	116,800	...	...	...	28,000	4.15	116,800
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Moffat	6,800	2.05	14,000	8,700	.95	8,100	15,500	1.45	22,100
Montezuma	21,200	2.95	62,500	16,800	.65	11,300	38,000	1.95	73,800
Montrose	24,000	4.05	97,000	...	...	...	24,000	4.05	97,000
Morgan	18,000	4.90	88,500	2,500	1.25	3,100	20,500	4.45	91,600
Otero	21,500	4.45	96,200	500	2.40	1,200	22,000	4.45	97,400
Ouray	2,000	2.80	5,600	...	...	...	2,000	2.80	5,600
Park	1,200	2.65	3,200	...	...	...	1,200	2.65	3,200
Phillips	2,700	4.85	13,100	...	...	...	2,700	4.85	13,100
Pitkin	3,400	1.90	6,500	...	...	...	3,400	1.90	6,500
Prowers	48,000	4.60	220,500	500	1.40	700	48,500	4.55	221,200
Pueblo	10,700	4.00	43,000	800	1.75	1,400	11,500	3.85	44,400
Rio Blanco	4,200	2.15	9,000	600	1.00	600	4,800	2.00	9,600
Rio Grande	17,000	3.15	53,600	...	...	...	17,000	3.15	53,600
Routt	3,800	2.25	8,500	7,700	1.20	9,300	11,500	1.55	17,800
Saguache	15,000	3.40	51,000	...	...	...	15,000	3.40	51,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...
San Miguel	4,500	2.10	9,500	500	1.00	500	5,000	2.00	10,000
Sedgwick	3,200	5.00	16,000	...	...	...	3,200	5.00	16,000
Summit . . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
Washington	5,500	4.70	25,800	3,300	1.75	5,800	8,800	3.60	31,600
Weld	83,100	4.95	412,000	5,400	2.00	10,900	88,500	4.80	422,900
Yuma	11,700	5.55	65,000	1,300	1.40	1,800	13,000	5.15	66,800
State Total	650,000	3.80	2,485,000	90,000	1.15	105,000	740,000	3.50	2,590,000

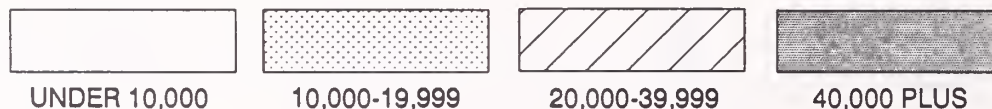
Alfalfa Hay: Acreage and production by county, Colorado, 1991

County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,900	5.20	41,000	2,600	1.75	4,600	10,500	4.35	45,600
Alamosa	22,000	3.30	73,000	...	...	...	22,000	3.30	73,000
Arapahoe	1,700	5.30	9,000	800	1.65	1,300	2,500	4.10	10,300
Archuleta	1,000	3.00	3,000	1,000	1.10	1,100	2,000	2.05	4,100
Baca	600	5.00	3,000	600	2.00	1,200	1,200	3.50	4,200
Bent	30,000	4.20	126,000	...	...	...	30,000	4.20	126,000
Boulder	13,300	4.20	56,000	700	2.45	1,700	14,000	4.10	57,700
Chaffee	5,000	1.60	8,000	...	...	...	5,000	1.60	8,000
Cheyenne	1,500	5.35	8,000	500	1.60	800	2,000	4.40	8,800
Clear Creek . . . . .	...	...	...	...	...	...	...	...	...
Conejos	35,000	2.90	101,000	...	...	...	35,000	2.90	101,000
Costilla	14,000	3.70	52,000	...	...	...	14,000	3.70	52,000
Crowley	9,700	4.65	45,000	1,800	2.10	3,800	11,500	4.25	48,800
Custer	1,800	3.35	6,000	200	2.00	400	2,000	3.20	6,400
Delta	18,200	3.20	58,000	300	1.35	400	18,500	3.15	58,400
Denver . . . . .	...	...	...	...	...	...	...	...	...
Dolores	4,300	3.95	17,000	4,700	.90	4,200	9,000	2.35	21,200
Douglas	4,000	4.00	16,000	3,000	1.00	3,000	7,000	2.70	19,000
Eagle	7,000	2.45	17,000	...	...	...	7,000	2.45	17,000
Elbert	6,700	5.20	35,000	12,300	1.45	18,000	19,000	2.80	53,000
El Paso	4,600	5.00	23,000	3,400	1.20	4,000	8,000	3.40	27,000
Fremont	5,000	2.40	12,000	...	...	...	5,000	2.40	12,000
Garfield	21,000	2.75	58,000	...	...	...	21,000	2.75	58,000
Gilpin . . . . .	...	...	...	...	...	...	...	...	...
Grand	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
Gunnison	700	2.85	2,000	...	...	...	700	2.85	2,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...
Huerfano	6,300	2.70	17,000	500	2.00	1,000	6,800	2.65	18,000
Jackson	1,300	2.30	3,000	...	...	...	1,300	2.30	3,000
Jefferson	1,400	4.30	6,000	600	2.15	1,300	2,000	3.65	7,300
Kiowa . . . . .	...	...	...	...	...	...	...	...	...
Kit Carson	4,300	5.60	24,000	200	1.50	300	4,500	5.40	24,300
Lake . . . . .	...	...	...	...	...	...	...	...	...
La Plata	15,000	3.15	47,000	2,000	1.00	2,000	17,000	2.90	49,000
Larimer	17,200	4.55	78,000	1,800	1.85	3,300	19,000	4.30	81,300
Las Animas	9,000	3.35	30,000	500	2.00	1,000	9,500	3.25	31,000
Lincoln	2,500	4.80	12,000	1,000	1.40	1,400	3,500	3.85	13,400
Logan	25,200	5.10	129,000	1,800	1.55	2,800	27,000	4.90	131,800
Mesa	24,300	4.05	99,000	700	1.55	1,100	25,000	4.00	100,100
Mineral . . . . .	...	...	...	...	...	...	...	...	...
Moffat	6,500	2.15	14,000	5,500	1.25	6,900	12,000	1.75	20,900
Montezuma	19,000	3.85	73,000	17,000	.85	14,800	36,000	2.45	87,800
Montrose	26,000	4.10	107,000	...	...	...	26,000	4.10	107,000
Morgan	18,500	5.20	96,000	2,000	1.35	2,700	20,500	4.80	98,700
Otero	21,700	4.50	98,000	300	1.65	500	22,000	4.50	98,500
Ouray	1,500	4.00	6,000	...	...	...	1,500	4.00	6,000
Park	1,000	2.00	2,000	...	...	...	1,000	2.00	2,000
Phillips	3,000	5.00	15,000	...	...	...	3,000	5.00	15,000
Pitkin	4,000	2.75	11,000	...	...	...	4,000	2.75	11,000
Prowers	49,400	4.50	223,000	600	2.00	1,200	50,000	4.50	224,200
Pueblo	11,500	4.25	49,000	500	1.80	900	12,000	4.15	49,900
Rio Blanco	5,000	2.40	12,000	1,000	1.00	1,000	6,000	2.15	13,000
Rio Grande	18,000	3.15	57,000	...	...	...	18,000	3.15	57,000
Routt	4,500	2.65	12,000	7,500	1.50	11,100	12,000	1.95	23,100
Saguache	16,000	3.30	53,000	...	...	...	16,000	3.30	53,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...
San Miguel	3,700	2.15	8,000	300	1.35	400	4,000	2.10	8,400
Sedgwick	3,500	5.15	18,000	...	...	...	3,500	5.15	18,000
Summit . . . . .	...	...	...	...	...	...	...	...	...
Teller . . . . .	...	...	...	...	...	...	...	...	...
Washington	3,800	5.55	21,000	3,200	1.80	5,800	7,000	3.85	26,800
Weld	83,900	5.50	462,000	5,100	1.80	9,200	89,000	5.30	471,200
Yuma	12,000	5.65	68,000	1,000	1.80	1,800	13,000	5.35	69,800
State Total	635,000	4.15	2,621,000	85,000	1.35	115,000	720,000	3.80	2,736,000

Other Hay: Production by County, Colorado, 1991
with Ranking of First Five Counties



TONS



Other Hay: Acreage and production by district, Colorado, 1990-91

District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
1990	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
NW & Mountain .	263,000	1.45	376,000	22,000	1.05	23,000	285,000	1.40	399,000
Northeast	43,000	1.85	80,000	52,000	1.30	68,000	95,000	1.55	148,000
East Central	22,000	1.80	40,000	148,000	1.30	191,000	170,000	1.35	231,000
Southwest	69,000	1.75	120,000	11,000	1.55	17,000	80,000	1.70	137,000
San Luis Valley . .	109,000	1.65	179,000	6,000	1.50	9,000	115,000	1.65	188,000
Southeast	44,000	1.95	85,000	21,000	1.30	27,000	65,000	1.70	112,000
State Total	550,000	1.60	880,000	260,000	1.30	335,000	810,000	1.50	1,215,000
1991									
NW & Mountain .	250,000	1.60	395,000	20,000	1.25	25,000	270,000	1.55	420,000
Northeast	40,000	2.25	90,000	45,000	1.35	61,000	85,000	1.80	151,000
East Central	23,000	2.35	54,000	147,000	1.60	235,000	170,000	1.70	289,000
Southwest	82,000	2.10	172,000	8,000	1.50	12,000	90,000	2.05	184,000
San Luis Valley . .	93,000	1.60	149,000	7,000	1.70	12,000	100,000	1.60	161,000
Southeast	42,000	2.10	88,000	23,000	1.45	33,000	65,000	1.85	121,000
State Total	530,000	1.80	948,000	250,000	1.50	378,000	780,000	1.70	1,326,000

Other Hay: Acreage and production by county, Colorado, 1990

County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	2,600	1.85	4,800	8,400	1.05	9,000	11,000	1.25	13,800
Alamosa	16,000	1.70	27,000	500	1.40	700	16,500	1.70	27,700
Arapahoe	1,000	2.00	2,000	4,000	1.00	4,000	5,000	1.20	6,000
Archuleta	4,200	1.40	5,900	800	1.25	1,000	5,000	1.40	6,900
Baca	2,000	3.00	6,000	7,800	1.25	9,900	9,800	1.60	15,900
Bent	2,400	2.10	5,000	1,300	1.15	1,500	3,700	1.75	6,500
Boulder	8,000	2.25	18,000	2,000	.95	1,900	10,000	2.00	19,900
Chaffee	11,500	1.75	20,000	...	...	...	11,500	1.75	20,000
Cheyenne	1,200	1.65	2,000	12,300	1.30	16,000	13,500	1.35	18,000
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Conejos	34,000	1.40	48,000	2,000	1.35	2,700	36,000	1.40	50,700
Costilla	4,000	2.75	11,000	1,000	1.80	1,800	5,000	2.55	12,800
Crowley	800	2.50	2,000	1,200	1.50	1,800	2,000	1.90	3,800
Custer	15,200	1.80	27,000	800	1.65	1,300	16,000	1.75	28,300
Delta	8,500	1.55	13,000	1,500	1.40	2,100	10,000	1.50	15,100
Denver	...	...	...	...	...	...	...	...	...
Dolores	200	1.50	300	400	1.25	500	600	1.35	800
Douglas	2,000	1.20	2,400	10,000	1.10	11,000	12,000	1.10	13,400
Eagle	13,000	1.25	16,000	1,000	1.00	1,000	14,000	1.20	17,000
Elbert	1,200	2.10	2,500	20,800	1.00	21,000	22,000	1.05	23,500
El Paso	2,200	1.50	3,300	11,300	.90	10,000	13,500	1.00	13,300
Fremont	4,200	2.15	9,000	1,000	1.70	1,700	5,200	2.05	10,700
Garfield	5,000	1.95	9,700	1,500	1.75	2,600	6,500	1.90	12,300
Gilpin	200	1.50	300	...	...	...	200	1.50	300
Grand	35,500	1.35	48,000	1,500	1.20	1,800	37,000	1.35	49,800
Gunnison	32,500	1.50	49,000	...	...	...	32,500	1.50	49,000
Hinsdale	1,300	1.40	1,800	...	...	...	1,300	1.40	1,800
Huerfano	6,000	2.00	12,000	1,500	1.35	2,000	7,500	1.85	14,000
Jackson	78,000	1.25	96,000	2,000	1.10	2,200	80,000	1.25	98,200
Jefferson	3,200	2.05	6,500	3,800	.75	2,900	7,000	1.35	9,400
Kiowa	600	1.50	900	9,400	1.15	11,000	10,000	1.20	11,900
Kit Carson	4,000	2.00	8,000	13,000	1.55	20,000	17,000	1.65	28,000
Lake	1,900	1.00	1,900	...	...	...	1,900	1.00	1,900
La Plata	11,000	2.10	23,000	1,300	1.85	2,400	12,300	2.05	25,400
Larimer	11,000	1.45	16,000	2,000	1.10	2,200	13,000	1.40	18,200
Las Animas	5,500	1.45	8,000	1,000	1.20	1,200	6,500	1.40	9,200
Lincoln	2,200	2.05	4,500	28,300	1.40	40,000	30,500	1.45	44,500
Logan	3,700	2.15	8,000	12,300	1.55	19,000	16,000	1.70	27,000
Mesa	9,800	1.50	14,700	...	...	...	9,800	1.50	14,700
Mineral	500	2.00	1,000	...	...	...	500	2.00	1,000
Moffat	8,500	1.75	15,000	4,500	1.10	5,000	13,000	1.55	20,000
Montezuma	7,000	1.80	12,600	2,000	1.60	3,200	9,000	1.75	15,800
Montrose	11,500	2.00	23,000	1,000	1.80	1,800	12,500	2.00	24,800
Morgan	2,700	2.20	6,000	6,300	1.60	10,000	9,000	1.80	16,000
Otero	2,500	2.40	6,000	300	1.65	500	2,800	2.30	6,500
Ouray	8,000	1.55	12,500	2,000	1.40	2,800	10,000	1.55	15,300
Park	10,500	.95	10,000	3,300	.95	3,200	13,800	.95	13,200
Phillips	300	2.00	600	3,500	1.70	6,000	3,800	1.75	6,600
Pitkin	4,400	1.10	4,800	...	...	...	4,400	1.10	4,800
Prowers	1,400	2.85	4,000	3,600	1.15	4,100	5,000	1.60	8,100
Pueblo	4,000	1.50	6,000	2,500	1.20	3,000	6,500	1.40	9,000
Rio Blanco	16,500	1.80	30,000	2,500	1.10	2,700	19,000	1.70	32,700
Rio Grande	13,500	1.95	26,000	500	1.60	800	14,000	1.90	26,800
Routt	41,500	1.75	73,000	4,500	1.00	4,400	46,000	1.70	77,400
Saguache	41,000	1.60	66,000	2,000	1.50	3,000	43,000	1.60	69,000
San Juan	...	...	...	...	...	...	...	...	...
San Miguel	2,500	1.40	3,500	500	1.20	600	3,000	1.35	4,100
Sedgwick	1,500	2.35	3,500	2,500	1.60	4,000	4,000	1.90	7,500
Summit	7,500	1.35	10,000	1,000	1.20	1,200	8,500	1.30	11,200
Teller	1,300	1.30	1,700	1,700	.90	1,500	3,000	1.05	3,200
Washington	2,400	1.90	4,500	17,300	1.60	28,000	19,700	1.65	32,500
Weld	12,900	1.70	22,000	23,100	1.20	28,000	36,000	1.40	50,000
Yuma	2,300	1.95	4,500	9,700	1.55	15,000	12,000	1.65	19,500
State Total	550,000	1.60	880,000	260,000	1.30	335,000	810,000	1.50	1,215,000

Other Hay: Acreage and production by county, Colorado, 1991

County	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	2,500	2.50	6,200	9,200	1.35	12,500	11,700	1.60	18,700
Alamosa	14,000	2.00	27,700	2,500	1.85	4,600	16,500	1.95	32,300
Arapahoe	1,100	2.10	2,300	4,900	1.15	5,600	6,000	1.30	7,900
Archuleta	3,800	2.00	7,600	700	1.30	900	4,500	1.90	8,500
Baca	2,000	2.75	5,500	9,000	1.25	11,200	11,000	1.50	16,700
Bent	2,600	2.75	7,200	1,400	1.80	2,500	4,000	2.40	9,700
Boulder	7,500	2.35	17,500	1,100	1.10	1,200	8,600	2.15	18,700
Chaffee	9,500	1.60	15,400	800	1.25	1,000	10,300	1.60	16,400
Cheyenne	900	2.80	2,500	11,600	1.70	20,000	12,500	1.80	22,500
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Conejos	28,000	1.55	44,000	2,000	1.60	3,200	30,000	1.55	47,200
Costilla	3,500	2.05	7,200	500	1.40	700	4,000	2.00	7,900
Crowley	400	2.75	1,100	1,300	1.55	2,000	1,700	1.80	3,100
Custer	15,000	1.90	28,800	500	1.60	800	15,500	1.90	29,600
Delta	8,000	2.00	16,000	1,000	1.30	1,300	9,000	1.90	17,300
Denver . . . . .	...	...	...	...	...	...	...	...	...
Dolores	900	2.00	1,800	600	1.50	900	1,500	1.80	2,700
Douglas	1,800	2.00	3,600	9,200	1.10	10,200	11,000	1.25	13,800
Eagle	10,500	1.65	17,100	3,500	1.50	5,300	14,000	1.60	22,400
Elbert	2,200	2.00	4,400	16,800	1.25	21,000	19,000	1.35	25,400
El Paso	4,400	2.30	10,100	9,600	1.35	13,000	14,000	1.65	23,100
Fremont	3,300	2.00	6,600	1,200	1.65	2,000	4,500	1.90	8,600
Garfield	7,000	1.95	13,500	1,000	1.50	1,500	8,000	1.90	15,000
Gilpin	100	2.00	200	...	...	...	100	2.00	200
Grand	37,000	1.35	49,300	2,500	1.05	2,600	39,500	1.30	51,900
Gunnison	33,500	1.65	54,600	...	...	...	33,500	1.65	54,600
Hinsdale	1,300	1.90	2,500	...	...	...	1,300	1.90	2,500
Huerfano	5,000	1.80	9,000	1,500	2.00	3,000	6,500	1.85	12,000
Jackson	82,000	1.35	112,000	1,000	1.20	1,200	83,000	1.35	113,200
Jefferson	2,800	2.00	5,600	3,000	1.10	3,300	5,800	1.55	8,900
Kiowa	400	2.50	1,000	11,600	1.80	21,000	12,000	1.85	22,000
Kit Carson	3,000	2.60	7,800	13,000	1.70	22,000	16,000	1.85	29,800
Lake	2,000	1.50	3,000	...	...	...	2,000	1.50	3,000
La Plata	15,000	2.25	33,800	900	1.90	1,700	15,900	2.25	35,500
Larimer	8,500	1.75	15,000	1,500	1.20	1,800	10,000	1.70	16,800
Las Animas	5,000	1.70	8,500	1,800	1.20	2,200	6,800	1.55	10,700
Lincoln	2,000	2.55	5,100	29,000	1.90	55,200	31,000	1.95	60,300
Logan	3,200	2.30	7,300	13,800	1.40	19,400	17,000	1.55	26,700
Mesa	8,800	2.20	19,200	...	...	...	8,800	2.20	19,200
Mineral	500	1.60	800	...	...	...	500	1.60	800
Moffat	7,700	1.95	15,000	3,000	1.25	3,800	10,700	1.75	18,800
Montezuma	9,400	2.10	19,900	1,100	1.65	1,800	10,500	2.05	21,700
Montrose	13,300	2.25	30,000	900	1.55	1,400	14,200	2.20	31,400
Morgan	2,400	2.35	5,600	4,700	1.85	8,800	7,100	2.05	14,400
Otero	3,000	2.85	8,500	500	1.80	900	3,500	2.70	9,400
Ouray	10,600	1.95	20,700	1,400	1.35	1,900	12,000	1.90	22,600
Park	9,400	1.00	9,400	2,100	1.00	2,100	11,500	1.00	11,500
Phillips	500	2.20	1,100	3,500	1.65	5,800	4,000	1.75	6,900
Pitkin	4,000	1.75	6,900	...	...	...	4,000	1.75	6,900
Prowers	2,200	2.95	6,500	3,800	1.50	5,700	6,000	2.05	12,200
Pueblo	3,500	1.80	6,300	2,000	1.35	2,700	5,500	1.65	9,000
Rio Blanco	16,000	2.30	36,800	1,000	1.30	1,300	17,000	2.25	38,100
Rio Grande	13,000	1.80	23,100	500	1.60	800	13,500	1.75	23,900
Routt	29,500	2.10	62,000	4,500	1.35	6,000	34,000	2.00	68,000
Saguache	34,000	1.35	46,200	1,500	1.80	2,700	35,500	1.40	48,900
San Juan . . . . .	...	...	...	...	...	...	...	...	...
San Miguel	3,900	1.80	7,000	400	1.50	600	4,300	1.75	7,600
Sedgwick	1,500	2.00	3,000	2,500	1.70	4,300	4,000	1.85	7,300
Summit	7,500	1.45	11,000	500	1.20	600	8,000	1.45	11,600
Teller	1,100	1.80	2,000	1,100	1.00	1,100	2,200	1.40	3,100
Washington	2,000	2.30	4,600	18,000	1.65	29,600	20,000	1.70	34,200
Weld	14,100	2.55	36,000	18,400	1.20	22,200	32,500	1.80	58,200
Yuma	2,200	2.40	5,300	10,600	1.80	19,100	12,800	1.90	24,400
State Total	530,000	1.80	948,000	250,000	1.50	378,000	780,000	1.70	1,326,000

Wheat and Barley: On-farm, off-farm and total stocks, Colorado, 1980-92 1/

Year/Month	All Wheat			Barley		
	On-farm	Off-farm	Total	On-farm	Off-farm	Total
1,000 Bushels						
1980 January 1	39,325	27,730	67,055	9,911	8,970	18,881
April 1	28,792	19,010	47,802	4,301	8,220	12,521
June 1	17,556	13,600	31,156	2,992	7,170	10,162
October 1	59,562	40,190	99,752	11,466	6,630	18,096
1981 January 1	50,738	28,510	79,248	7,963	7,600	15,563
April 1	34,193	24,150	58,343	4,141	6,360	10,501
June 1	30,884	18,900	49,784	2,867	5,500	8,367
October 1	61,514	41,200	102,714	10,211	6,040	16,251
1982 January 1	52,726	35,950	88,676	8,370	6,040	14,410
April 1	41,302	25,600	66,902	4,185	7,300	11,485
June 1	31,636	20,500	52,136	2,344	5,360	7,704
October 1	61,188	46,000	107,188	10,978	5,600	16,578
1983 January 1	56,939	35,500	92,439	8,751	6,880	15,631
April 1	42,492	25,600	68,092	3,978	5,175	9,153
June 1	33,144	25,900	59,044	1,909	4,030	5,939
October 1	97,682	48,850	146,532	10,230	4,550	14,780
1984 January 1	73,262	35,930	109,192	7,425	8,570	15,995
April 1	48,841	26,070	74,911	4,620	5,510	10,130
June 1	41,515	21,130	62,645	2,640	4,710	7,350
October 1	75,913	43,500	119,413	12,896	5,900	18,796
1985 January 1	52,909	33,300	86,209	10,075	6,035	16,110
April 1	42,557	27,235	69,792	5,239	2,025	7,264
June 1	31,055	22,570	53,625	2,821	4,520	7,341
October 1	94,725	47,700	142,425	16,973	6,610	23,583
1986 January 1	57,114	39,000	96,114	8,704	7,550	16,254
April 1	45,970	36,760	82,730	2/	2/	2/
June 1	33,432	29,660	63,092	3,046	5,465	8,511
September 1	83,919	53,640	137,559	2/	2/	2/
December 1	54,000	48,400	102,400	2/	2/	2/
1987 March 1	38,500	42,100	80,600	2/	2/	2/
June 1	28,000	35,465	63,465	2,800	4,100	6,900
September 1	65,000	58,300	123,300	2/	2/	2/
December 1	52,500	50,100	102,600	2/	2/	2/
1988 March 1	36,000	41,800	77,800	2/	2/	2/
June 1	22,000	24,500	46,500	2,800	5,200	8,000
September 1	50,000	47,900	97,900	6,000	6,100	12,100
December 1	40,000	35,200	75,200	5,500	7,750	13,250
1989 March 1	29,000	24,915	53,915	2,700	6,805	9,505
June 1	19,000	12,565	31,565	1,200	3,872	5,072
September 1	40,000	35,275	75,275	6,000	4,280	10,280
December 1	34,000	25,300	59,300	2,600	6,090	8,690
1990 March 1	17,000	20,275	37,275	1,700	5,690	7,390
June 1	10,000	10,000	20,000	310	3,615	3,925
September 1	42,000	38,335	80,335	6,800	2,810	9,610
December 1	31,500	34,015	65,515	3,400	5,405	8,805
1991 March 1	21,000	26,920	47,920	1,200	5,140	6,340
June 1	11,000	14,925	25,925	1,000	4,040	5,040
September 1	39,000	42,230	81,230	6,000	5,470	11,470
December 1	25,000	26,840	51,840	3,700	7,600	11,300
1992 March 1	10,500	21,380	31,880	1,500	7,875	9,375

1/ Change in reference dates beginning September 1986.

2/ Quarterly estimates discontinued April 1986; resumed September 1988.

Corn and Sorghum: On-farm, off-farm and total stocks, Colorado, 1980-92 1/

Year/Month		Corn			Sorghum		
		On-farm	Off-farm	Total	On-farm	Off-farm	Total
1,000 Bushels							
1980	January 1	51,156	18,440	69,596	5,426	6,100	11,526
	April 1	37,643	12,940	50,583	3,230	3,750	6,980
	June 1	27,026	10,090	37,116	2,067	3,320	5,387
	October 1	9,652	3,950	13,602	646	1,490	2,136
1981	January 1	56,498	16,760	73,258	6,493	3,950	10,443
	April 1	37,666	8,700	46,366	3,675	2,750	6,425
	June 1	17,936	5,850	23,786	3,063	1,670	4,733
	October 1	6,278	2,410	8,688	1,715	610	2,325
1982	January 1	55,094	19,880	74,974	8,311	3,680	11,991
	April 1	33,264	13,000	46,264	3,614	3,750	7,364
	June 1	17,672	11,400	29,072	3,132	2,830	5,962
	October 1	12,474	7,220	19,694	1,445	1,690	3,135
1983	January 1	59,108	20,170	79,278	6,956	5,945	12,901
	April 1	40,764	19,150	59,914	3,069	3,855	6,924
	June 1	25,478	18,870	44,348	1,841	4,020	5,861
	October 1	17,325	15,400	32,725	1,228	2,370	3,598
1984	January 1	48,373	21,550	69,923	4,872	6,040	10,912
	April 1	27,535	13,140	40,675	2,854	4,180	7,034
	June 1	12,651	9,340	21,991	1,810	3,320	5,130
	October 1	4,465	2,930	7,395	974	2,510	3,484
1985	January 1	48,294	16,570	64,864	7,160	6,030	13,190
	April 1	30,981	10,540	41,521	3,182	4,135	7,317
	June 1	14,579	6,590	21,169	1,750	2,490	4,240
	October 1	3,645	3,940	7,585	796	2,745	3,541
1986	January 1	56,955	19,960	76,915	5,152	3,965	9,117
	April 1	39,351	14,105	53,456	2/	2/	2/
	June 1	25,889	11,420	37,309	2,240	2,315	4,555
	September 1	18,640	10,625	29,265	1,568	3,460	5,028
	December 1	80,000	28,200	108,200	2/	2/	2/
1987	March 1	58,000	23,240	81,240	2/	2/	2/
	June 1	32,000	17,685	49,685	1,600	3,360	4,960
	September 1	25,000	20,500	45,500	1,500	2,725	4,225
	December 1	87,000	42,100	129,100	2/	2/	2/
1988	March 1	60,000	28,700	88,700	2/	2/	2/
	June 1	23,000	22,560	45,560	1,000	4,400	5,400
	September 1	12,000	16,650	28,650	850	4,150	5,000
	December 1	70,000	37,175	107,175	2/	2/	2/
1989	March 1	45,000	25,365	70,365	2/	2/	2/
	June 1	21,000	15,135	36,135	1,800	2,376	4,176
	September 1	11,000	8,760	19,760	1,000	2,110	3,110
	December 1	60,000	26,355	86,355	2/	2/	2/
1990	March 1	35,000	15,240	50,240	1,300	2,690	3,990
	June 1	16,000	6,875	22,875	900	1,805	2,705
	September 1	10,000	2,450	12,450	500	1,480	1,980
	December 1	45,000	22,755	67,755	2,000	3,240	5,240
1991	March 1	30,000	13,060	43,060	1,200	1,960	3,160
	June 1	18,000	8,800	26,800	400	995	1,395
	September 1	8,500	3,325	11,825	150	540	690
	December 1	64,000	28,140	92,140	2,800	3,830	6,630
1992	March 1	38,000	18,670	56,670	1,100	1,028	2,128

1/ Change in reference dates beginning September 1986.

2/ Quarterly estimates discontinued April 1986; resumed March 1990.

**Oats: On-farm, off-farm and total stocks,
Colorado, 1983-92 1/**

Year/Month	On farm	Off farm	Total
1,000 Bushels			
1983 January 1	1,435	270	1,705
April 1	1,352	200	1,552
June 1	624	245	869
October 1	2,035	300	2,335
1984 January 1	1,556	270	1,826
April 1	1,317	310	1,627
June 1	622	90	712
October 1	2,200	235	2,435
1985 January 1	1,678	205	1,883
April 1	1,100	220	1,320
June 1	688	160	848
October 1	2,041	260	2,301
1986 January 1	1,807	205	2,012
June 1	*	160	*
1987 June 1	*	89	*
1988 June 1	*	**	*
1989 June 1	*	288	*
1990 March 1	*	195	*
June 1	*	155	*
September 1	*	455	*
December 1	*	160	*
1991 March 1	*	155	*
June 1	*	120	*
September 1	*	182	*
December 1	*	220	*
1992 March 1	*	169	*

1/ Quarterly estimates discontinued April 1986; resumed March 1990.

* Minor states not published separately for on-farm stocks beginning June 1986.

** Not published to avoid disclosure of individual operations.

**All Hay: Production and stocks on farms,
Colorado, 1966-91**

Year	Production	January 1 1/ 2/	May 1 1/	% of Prod.	% of Prod.
	1,000 Tons	1,000 Tons	Percent	1,000 Tons	Percent
1966	2,822	1,947	69	480	17
1967	2,730	1,856	68	437	16
1968	2,885	2,135	74	462	16
1969	3,171	2,251	71	571	18
1970	3,115	2,336	75	623	20
1971	2,995	2,186	73	449	15
1972	2,984	1,880	63	388	13
1973	3,278	2,098	64	492	15
1974	2,886	1,892	66	373	13
1975	2,972	1,843	62	476	16
1976	3,126	1,907	61	531	17
1977	2,890	1,850	64	578	20
1978	3,228	2,034	63	484	15
1979	3,574	2,359	66	715	20
1980	3,276	2,129	65	590	18
1981	3,105	2,018	65	652	21
1982	3,176	2,001	63	508	16
1983	3,357	2,048	61	436	13
1984	3,311	1,953	59	563	17
1985	3,644	2,186	60	765	21
1986	3,642	2,659	73	728	20
1987	4,044	3,033	75	809	20
1988	3,957	2,374	60	435	11
1989	3,450	1,898	55	587	17
1990	3,805	2,207	58	457	12
1991	4,062	2,437	60	528	13

1/ Following year of production.

2/ Data as of December 1 beginning 1986.

On-farm and off-farm storage capacity, Colorado and United States, 1978-91

Colorado				United States			
Year	On-farm storage capacity	Off-farm storage		On-farm storage capacity	Off-farm storage		
		Number of facilities	Capacity		Number of facilities	Capacity	
	Mill. Bu.	Number	1,000 Bu.	Mill. Bu.	Number	1,000 Bu.	
January 1, 1978 . . . . .	...	209	91,500	...	15,305	6,635,420	
1979 . . . . .	...	198	93,010	...	15,363	6,984,960	
1980 . . . . .	...	202	95,050	...	15,178	7,090,480	
1981 . . . . .	...	212	97,580	...	14,944	7,173,080	
1982 . . . . .	...	198	105,700	...	14,691	7,269,308	
1983 . . . . .	...	205	107,700	...	14,706	7,900,030	
1984 . . . . .	...	211	113,400	...	14,195	8,109,090	
1985 . . . . .	...	203	111,350	...	13,921	8,113,670	
1986 . . . . .	...	204	114,430	...	14,063	8,287,140	
December 1, 1986 . . . . .	...	204	130,850	...	14,046	9,123,280	
1987	240	220	142,860	13,640	13,889	9,610,590	
1988	230	217	145,220	13,300	13,802	9,606,050	
1989	220	174	132,390	12,800	13,517	9,384,430	
1990	210	167	131,030	12,400	13,214	9,089,300	
1991	220	165	114,930	12,170	12,854	8,912,970	

Barley: Acreage planted by variety, by district, Colorado, 1990-91

Variety	Northwest		Northeast		East Central		Southwest		San Luis Valley		Southeast		State	
	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres
1990														
Moravian III *	.0	0	5.8	2,400	2.2	300	.0	0	60.0	50,400	.0	0	34.3	53,100
Triumph *	.0	0	49.2	20,400	5.2	700	6.3	200	6.4	5,400	.0	0	17.2	26,700
Morex *	.0	0	5.3	2,200	3.0	400	18.7	600	10.8	9,100	.0	0	7.9	12,300
Stephoe	75.0	2,400	6.0	2,500	4.4	600	31.3	1,000	4.2	3,500	24.0	2,300	7.9	12,300
Busch Varieties *	.0	0	11.1	4,600	.0	0	.0	0	7.2	6,000	.0	0	6.8	10,600
Schuyler	6.2	200	4.1	1,700	25.9	3,500	28.1	900	.0	0	42.7	4,100	6.7	10,400
Otis	9.4	300	11.3	4,700	37.0	5,000	3.1	100	.0	0	.0	0	6.5	10,100
Klages *	.0	0	1.2	500	.0	0	.0	0	4.5	3,800	3.1	300	3.0	4,600
Will	.0	0	.0	0	15.6	2,100	.0	0	.0	0	25.0	2,400	2.9	4,500
Westbred	.0	0	.0	0	.0	0	9.4	300	2.9	2,400	.0	0	1.8	2,700
Other malting 1/	.0	0	.5	200	3.0	400	.0	0	2.0	1,700	.0	0	1.5	2,300
Others 1/	9.4	300	5.5	2,300	3.7	500	3.1	100	2.0	1,700	5.2	500	3.5	5,400
All Barley	100.0	3,200	100.0	41,500	100.0	13,500	100.0	3,200	100.0	84,000	100.0	9,600	100.0	155,000
1991														
Moravian III *	.0	0	54.6	17,200	.0	0	.0	0	53.4	48,000	.0	0	46.6	65,200
Busch Varieties *	.0	0	10.3	3,200	.0	0	.0	0	9.4	8,400	.0	0	8.3	11,600
Morex *	.0	0	2.7	800	.0	0	17.5	700	10.0	8,900	.0	0	7.4	10,400
Triumph *	.0	0	.6	200	1.2	100	.0	0	11.3	10,100	.0	0	7.4	10,400
Schuyler	.0	0	10.6	3,400	43.8	3,500	20.0	800	.0	0	53.3	2,400	7.2	10,100
Klages *	.0	0	3.6	1,100	.0	0	7.5	300	9.7	8,600	.0	0	7.1	10,000
Stephoe	40.0	1,000	3.3	1,000	2.5	200	27.5	1,100	2.8	2,500	4.4	200	4.3	6,000
Otis	32.0	800	11.0	3,500	20.0	1,600	.0	0	.0	0	.0	0	4.2	5,900
Will	.0	0	.3	100	23.8	1,900	.0	0	.0	0	35.6	1,600	2.6	3,600
Westbred	.0	0	.0	0	.0	0	.0	0	2.4	2,100	.0	0	1.5	2,100
Other malting 1/	.0	0	.6	200	1.2	100	.0	0	.0	0	.0	0	.2	300
Others 1/	28.0	700	2.4	800	7.5	600	27.5	1,100	1.0	900	6.7	300	3.2	4,400
All Barley	100.0	2,500	100.0	31,500	100.0	8,000	100.0	4,000	100.0	89,500	100.0	4,500	100.0	140,000

* Indicates malting varieties.

1/ Includes unknown varieties.

Winter Wheat: Percent of acres planted by variety, Colorado, 1985-92

Variety	1985 Crop	1986 Crop	1987 Crop	1988 Crop	1989 Crop	1990 Crop	1991 Crop	1992 Crop
Percent								
Tam 107	...	.2	2.9	8.3	22.0	37.9	49.3	49.7
Baca	19.7	18.8	13.2	5.6	7.9	7.6	8.0	7.9
Scout 2/	12.6	11.7	9.4	9.3	6.9	9.2	6.2	5.7
Lamar	...	...	...	...	...	.3	2.6	5.7
Hawk	10.0	15.8	21.0	21.4	17.8	10.4	6.9	4.8
Sandy	9.3	9.7	13.1	8.0	6.3	4.6	2.4	3.1
Tam 200	...	...	...	...	...	...	2.8	2.7
Thunderbird	...	...	...	.5	1.8	2.3	1.1	2.4
Vona	18.2	14.5	13.7	15.0	9.1	6.2	2.6	2.2
Newton	4.4	3.8	4.1	4.6	3.3	2.0	1.3	1.7
Abilene	...	...	...	...	.2	1.3	.9	1.6
Jeff	1.6	1.4	1.4	2.1	2.4	1.2	2.0	1.1
Eagle	1.0	1.3	1.0	1.7	1.3	.9	1.1	1.0
Victory	...	...	.4	2.6	2.6	1.0	.6	.8
Tam 108	...	...	1.1	1.4	.9	.5	1.1	.6
Mesa	...	...	...	...	.3	.5	.5	.5
Other 3/	23.2	22.8	18.7	19.5	17.2	14.1	10.6	8.5

1/ Dots indicate either none or minor amount reported.

2/ Includes Scout 66.

3/ Includes unknown, minor, and older varieties that have become less popular such as Carson, Centurk, Larned, and Tam 105.

Winter Wheat: Percent planted by variety, by district and selected counties, Colorado, 1992 crop ^{1/}

Northwest and Southwest Districts

District and County	Jeff	Manning	Other	Total
	Percent			
Northwest 1992	63.1	2.5	34.4	100.0
Moffat	91.5	...	8.5	100.0
Rio Blanco	12.7	29.2	58.1	100.0
Routt	19.8	...	80.2	100.0
Southwest 1992	44.5	21.2	34.3	100.0
Dolores	41.2	21.5	37.3	100.0
La Plata	27.7	46.7	25.6	100.0
Montezuma	73.7	18.7	7.6	100.0

Northeast District

District and County	Baca	Hawk	Scout	Tam 107	Tam 108	Vona	Other	Total
	Percent							
Northeast 1992	8.0	6.2	3.6	47.9	1.0	3.8	29.5	100.0
Boulder	11.7	6.0	7.1	61.7	...	3.0	10.5	100.0
Larimer	...	14.7	13.8	25.3	...	3.3	42.9	100.0
Logan	8.1	9.0	5.4	37.9	.4	4.1	35.1	100.0
Morgan	8.1	4.9	1.8	60.0	.4	5.5	19.3	100.0
Sedgwick	.5	.1	...	57.1	5.0	1.7	35.6	100.0
Weld	11.0	6.7	3.6	46.8	.2	3.7	28.0	100.0

East Central District

District and County	Baca	Hawk	Sandy	Scout	Tam 107	Tam 200	Other	Total
	Percent							
East Central 1992	5.5	5.4	3.6	6.3	53.5	3.2	22.5	100.0
Adams	22.7	13.3	1.2	2.1	42.0	1.6	17.1	100.0
Arapahoe	11.8	15.6	2.9	4.8	58.2	.7	6.0	100.0
Cheyenne	6.8	...	7.4	24.2	36.8	.8	24.0	100.0
Denver	...	...	...	11.6	88.4	...	...	100.0
Douglas	...	20.1	...	8.0	64.2	...	7.7	100.0
Elbert	5.0	11.2	2.3	3.1	59.5	.1	18.8	100.0
El Paso	10.2	...	1.4	2.5	58.4	...	27.5	100.0
Kiowa	6.3	1.5	15.1	13.5	46.0	...	17.6	100.0
Kit Carson	1.4	4.4	.7	7.2	53.0	4.6	28.7	100.0
Lincoln	.6	...	1.0	2.3	79.5	.1	16.5	100.0
Phillips	...	.6	1.3	.8	68.7	1.7	26.9	100.0
Washington	.8	7.2	5.5	2.9	55.8	6.6	21.2	100.0
Yuma	...	4.7	.4	2.9	50.1	7.7	34.2	100.0

Southeast District

District and County	Baca	Eagle	Lamar	Sandy	Scout	Tam 107	Other	Total
	Percent							
Southeast 1992	23.2	2.7	7.1	2.5	6.5	40.8	17.2	100.0
Baca	20.4	1.0	7.9	3.8	5.8	46.8	14.3	100.0
Bent	74.3	...	...	...	...	...	25.7	100.0
Crowley	...	...	17.6	17.6	...	22.8	42.0	100.0
Las Animas	79.6	15.5	...	...	...	...	4.9	100.0
Otero	...	...	...	1.6	1.5	36.0	60.9	100.0
Prowers	24.8	5.0	7.1	.3	8.6	36.8	17.4	100.0
Pueblo	...	...	...	13.4	...	17.9	68.7	100.0

^{1/} Dots indicate either none or minor amount reported, Scout includes Scout 66, and "other" includes unknown varieties.

FRUIT CROPS - 1991

Colorado fruit growers had a higher production in 1991 than a year earlier for each fruit except peaches. For the second time in 3 years, the peach crop was virtually destroyed by freezing temperatures. Apple production rebounded from being partially frozen out in 1990. With apples being the state's major fruit crop, total production of the four crops totaled 81.7 million pounds in 1991 compared with 55.5 million pounds a year earlier. The total value of the utilized production was just under \$12.0 million for the 1991 crop compared with \$11.6 million in 1990.

Apple growers produced 75.0 million pounds in 1991, more than double the 35.0 million pounds produced in 1990, when production was limited by freezing temperatures in the Palisade area. Prices averaged 13.9 cents per pound for the 1991 crop compared with 14.7 cents per pound the previous year. Total value of the 1991 utilized production was \$9.7 million. Apples accounted for 92 percent of the total estimated fruit production and 81 percent of the total value for the four crops.

Peach production for 1991 was a meager 2.0 million pounds as freezing temperatures claimed the majority of the potential output. The total value of the utilized crop was only \$646,000 compared with the \$5.7 million crop produced in 1990.

Pear production was up 24 percent from 1990 to 3,100 tons in 1991. However, the average price received declined 11 percent to \$298.00 per ton. The total value of the utilized production for the 1991 crop was \$925,000, up 10 percent from the comparable 1990 value of \$841,000.

Tart cherry production in 1991 was up 60 percent from the previous year which had been limited by partial freeze damage for the second consecutive year. With excellent prices, all of the production was utilized. Producers averaged 41.4 cents per pound for their 1991 crop compared with 20.7 cents a year earlier. The total value of the 1991 utilized production was \$663,000, up sharply from the \$186,000 received for the 1990 crop.

VEGETABLE CROPS - 1991

Vegetable producers harvested 360,730 tons of fresh market and processing crops in Colorado during 1991 compared with 367,530 tons in 1990. The total tonnage includes only those vegetable crops for which estimates are prepared. Numerous other vegetable crops are produced in the state but are not surveyed for acreage or production data. The combined value of the 1991 crops was \$69.7 million, up 4 percent from a year earlier.

Dry storage onion production was 4.95 million cwt. in 1991, down 3 percent from the 5.13 million cwt. produced a year earlier. The harvested area declined 800 acres to 12,700 acres for 1991, but the average yield increased 10 cwt. per acre to 390 cwt. this year. The total value of production was estimated at \$52.2 million, up 22 percent from \$42.7 million in 1990, mostly the result of higher prices but also the result of more of the crop being sold. Onions accounted for 75 percent of the vegetable crop value and 69 percent of the total vegetable tonnage.

Lettuce production was up slightly from the previous year to 1.03 million cwt. in 1991. The harvested area increased 38 percent to 4,700 acres. The average yield dropped sharply from 1990 and was estimated at 220 cwt. per acre as poor prices resulted in limited harvest activity. The total value of the 1991 crop was down 48 percent from a year earlier.

Sweet corn production was down 9 percent from the previous year to 496,000 hundredweight. Harvested area declined 200 acres from a year earlier to 3,100 acres and the yield was down slightly in 1991. The 1991 crop was valued at \$5.5 million, down 21 percent from a year earlier as grower prices were also lower than the previous year.

Carrot production increased sharply from 1990 to 539,000 cwt. in 1991. The increase resulted from a slight increase in harvested acres and a 12 percent increase in the average yield. The value of the 1991 crop was estimated at \$4.3 million, up 26 percent as higher prices also contributed to the increase.

Cucumbers for pickles production declined 16 percent from the previous year to 6,630 tons. This is the third year in a row that production has declined. The yield per acre and the price per ton also declined in 1991. All these factors reduced the value of production by 31 percent to \$749,000.

The 1991 **tomatoes for processing** crop was 26 percent higher than the previous year, due mostly to an increase in harvested area. Higher prices more than offset a slightly lower yield, resulting in a 28 percent increase in the value of production to \$300,000.

Fruits: Production, price and value, Colorado, 1981-91

Year	Production		Price per unit	Value of utilized production
	Total ^{1/}	Utilized		
Apples	Million Pounds		Cents	1,000 Dollars
1981	75.0	75.0	10.00	7,515
1982	40.0	40.0	10.30	4,109
1983	85.0	84.0	9.10	7,632
1984	65.0	65.0	11.10	7,185
1985	110.0	110.0	9.50	10,504
1986	18.0	17.6	9.70	1,706
1987	125.0	118.0	6.70	7,948
1988	65.0	65.0	11.00	7,160
1989	70.0	68.0	9.60	6,548
1990	35.0	33.0	14.70	4,838
1991	75.0	70.0	13.90	9,730
Peaches	Million Pounds		Cents	1,000 Dollars
1981	20.0	20.0	16.50	3,300
1982	11.0	11.0	26.30	2,893
1983	10.0	9.5	23.10	2,195
1984	12.0	12.0	25.40	3,048
1985	15.0	15.0	26.00	3,900
1986	6.7	6.7	31.00	2,077
1987	19.0	17.0	22.40	3,814
1988	16.0	15.5	26.90	4,175
1989	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
1990	17.0	16.0	35.60	5,696
1991	2.0	1.7	38.00	646
Pears	Tons		Dollars	1,000 Dollars
1981	7,000	7,000	174.00	1,217
1982	2,700	2,700	243.00	655
1983	5,500	5,300	168.00	890
1984	4,600	4,550	223.00	1,014
1985	6,000	5,900	219.00	1,294
1986	1,750	1,750	280.00	490
1987	8,000	6,400	199.00	1,274
1988	3,800	3,700	251.00	928
1989	4,000	4,000	337.00	1,348
1990	2,500	2,500	336.00	841
1991	3,100	3,100	298.00	925
Tart Cherries	Million Pounds		Cents	1,000 Dollars
1981	1.6	1.6	30.30	484
1982 .....	.4	.4	18.80	75
1983	1.6	1.6	41.90	671
1984	1.0	1.0	25.00	250
1985	1.7	1.7	22.90	390
1986 .....	.9	.9	39.90	359
1987	2.5	.8	10.10	81
1988	1.3	.8	25.10	201
1989 .....	.5	.4	12.50	50
1990	1.0	.9	20.70	186
1991	1.6	1.6	41.40	663

^{1/} In certain years, production includes some quantities not harvested because of economic conditions which are excluded in computing values.

^{2/} No significant commercial production or value in 1989 due to frost.

Vegetables: Acreage, production and value, Colorado, 1983-91

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
Carrots						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1983	1,200	1,100	225	248	13.80	3,422
1984	1,100	1,000	280	280	12.60	3,528
1985	1,100	1,000	350	350	11.70	4,095
1986	1,200	1,200	340	408	14.50	5,916
1987	1,300	1,300	345	449	7.60	3,412
1988	1,400	1,400	360	504	8.40	4,234
1989	1,400	1,400	380	532	8.35	4,442
1990	1,500	1,300	345	449	7.60	3,412
1991	1,500	1,400	385	539	8.00	4,312
Cucumbers for Pickles						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1983	1/	1/	1/	1/	1/	1/
1984	2,400	2,200	8.58	18,880	131.00	2,473
1985	2,600	2,600	7.33	19,060	133.00	2,535
1986	1,700	1,500	9.70	14,550	139.00	2,022
1987	1,300	1,300	9.62	12,510	169.00	2,114
1988	1,600	1,500	10.85	16,280	123.00	2,002
1989	1,400	1,300	8.12	10,560	140.00	1,478
1990	700	700	11.34	7,940	137.00	1,088
1991	970	850	7.80	6,630	113.00	749
Lettuce						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1983	3,900	3,800	235	893	11.80	10,537
1984	2,900	2,800	270	756	13.90	10,508
1985	3,800	3,400	240	816	11.10	9,058
1986	2,900	2,500	245	613	10.00	6,130
1987	3,200	3,000	265	795	17.40	13,833
1988	3,300	2,300	280	644	10.70	6,891
1989	2,600	2,600	280	728	13.10	9,537
1990	3,500	3,400	300	1,020	12.40	12,648
1991	4,800	4,700	220	1,034	6.42	6,638
Sweet Corn for Fresh Market						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1983	3,100	3,000	115	345	8.70	3,002
1984	3,500	3,400	120	408	8.35	3,407
1985	3,600	3,400	155	527	6.70	3,531
1986	3,500	3,400	165	561	8.30	4,656
1987	3,600	3,500	135	473	8.85	4,186
1988	3,700	3,600	140	504	9.40	4,738
1989	3,300	3,000	145	435	12.40	5,394
1990	3,500	3,300	165	545	12.60	6,867
1991	3,300	3,100	160	496	11.00	5,456
Tomatoes for Processing						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1983	1,100	1,100	15.95	17,550	69.80	1,225
1984	1,100	990	13.96	13,820	79.70	1,101
1985	1,200	860	20.12	17,300	71.10	1,230
1986	730	650	16.68	10,840	67.60	733
1987	710	590	12.86	7,590	84.20	639
1988	700	680	18.15	12,340	72.70	897
1989	220	190	19.00	3,610	95.00	343
1990	200	150	15.93	2,390	98.00	234
1991	210	200	15.00	3,000	100.00	300

1/ Estimates discontinued, resumed in 1984.

Onions: Acreage, production and value, Colorado, 1977-91

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Loss	Sales	Value per cwt.	Total value
	Acres	Acres	Cwt.	1,000 Cwt.		1,000 Cwt.	Dollars	1,000 Dollars
1977	7,500	6,800	300	2,040	450	1,590	5.53	8,793
1978	8,200	7,800	350	2,730	510	2,220	8.27	18,359
1979	8,200	7,800	325	2,535	685	1,850	5.64	10,434
1980	8,700	8,200	300	2,460	570	1,890	13.10	24,759
1981	9,200	9,000	325	2,925	450	2,475	15.70	38,858
1982	10,000	9,300	350	3,255	810	2,445	8.66	21,174
1983	11,600	10,400	330	3,432	755	2,677	14.60	39,084
1984	12,800	12,200	380	4,636	923	3,713	12.80	47,526
1985	13,100	12,600	425	5,355	1,875	3,480	8.95	31,146
1986	11,800	10,800	425	4,590	840	3,750	13.00	48,750
1987	13,300	12,500	375	4,688	775	3,913	11.50	45,000
1988	13,800	13,500	410	5,535	996	4,539	12.30	55,830
1989	14,000	13,800	400	5,520	994	4,526	12.90	58,385
1990	13,800	13,500	380	5,130	1,280	3,850	11.10	42,735
1991	13,500	12,700	390	4,953	743	3,860	12.40	52,204

Floriculture: Production, sales, and value, Colorado, 1991 ^{1/}

Kind	Number of producers	Plants grown	Production area	Sales			Wholesale price ^{2/}	Value of sales at wholesale
				Unit	Number sold	Percent of sales at wholesale		
	Number	1,000	1,000 Sq. Ft.	1,000	1,000	Percent	Dollars	1,000 Dollars
Cut Flowers ^{3/} .....	...	...	...	.....	...	...	...	21,001
Carnations .....	...	4,035	1,700	.....	...	...	...	8,822
Standard	26	3,005	1,340	Blooms	31,280	99	.220	6,882
Miniature	18	1,030	360	Bunches	1,190	99	1.630	1,940
Roses .....	...	1,455	2,510	Blooms	38,520	...	.270	10,365
Hybrid Tea	16	1,295	2,210	Blooms	32,320	98	.290	9,373
Sweetheart	8	160	300	Blooms	6,200	100	.160	992
Others	16	...	265	.....	...	66	...	1,670
Potted Flowering Plants .....	...	...	1,438	Pots	1,223	...	4.030	4,934
African Violets	8	...	29	Pots	42	99	2.010	84
Chrysanthemums	10	...	95	Pots	190	92	3.810	723
Finished Florist Azaleas	9	...	24	Pots	32	93	5.470	175
Easter Lilies	13	...	118	Pots	122	99	3.700	451
Other Lilies	4	...	2	Pots	10	98	1.800	18
Poinsettias	23	...	905	Pots	542	90	4.560	2,474
Others	12	...	265	Pots	285	99	3.540	1,009
Foliage Plants .....	...	...	...	.....	...	...	...	1,174
Hanging Baskets	13	...	...	Baskets	158	98	4.370	690
Potted Foliage	8	...	73	.....	...	95	...	484
Bedding/Garden Plants .....	...	...	...	.....	...	...	...	14,154
Flats .....	...	...	1,780	Flats	916	...	8.870	8,121
Geraniums	10	...	10	Flats	6	82	10.200	61
Other (Incl. Foliar)	28	...	1,620	Flats	825	91	8.900	7,343
Vegetable Type	21	...	150	Flats	85	80	8.430	717
Potted .....	...	...	...	.....	...	...	...	4,564 ^{4/}
Chrysanthemums	14	...	240	Pots	230	98	.970	222
Geraniums (Cutting)	23	...	430	Pots	1,055	88	1.590	1,673
Geraniums (Seed)	14	...	130	Pots	560	93	.960	538
Vegetable Type	10	...	61	Pots	165	94	.900	149
Flowering Hanging Baskets	34	...	...	Baskets	216	83	6.800	1,469
Total All Plants	139	...	...	.....	...	...	...	41,263 ^{5/}

^{1/} The total covered growing area of 9,575,000 square feet consisted of the following: 7,745,000 square feet of glass, fiberglass, and other rigid greenhouses; 1,720,000 square feet of film plastic (single/double) greenhouses; and 110,000 square feet of shade and temporary cover. In addition, plants were produced on 63 acres of open ground.

^{2/} For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

^{3/} Value of sales includes Standard and Pom Pom Chrysanthemums and Gladioli which are not published separately.

^{4/} Total includes other potted and foliar pots.

^{5/} Based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Field Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts ^{1/}
		Begin	Most active	End	
Barley:					
Fall sown	Sept. 1 - Oct. 15	June 20	July 1 - July 20	Aug. 5	20, 60, 90
Spring sown	Mar. 15 - Apr. 30	June 20	July 5 - Sept. 10	Sept. 20	10, 20, 70, 80
Beans, dry	May 20 - July 1	Aug. 25	Sept. 5 - Sept. 15	Oct. 10	20, 60, 70, 90
Corn:					
Grain	Apr. 15 - June 1	Oct. 1	Oct. 10 - Nov. 20	Dec. 1	20, 60, 70, 90
Silage	Apr. 15 - June 1	Aug. 25	Sept. 1 - Sept. 25	Oct. 10	20, 60, 70, 90
Hay:					
Alfalfa		June 1	June 5 - Sept. 25	Oct. 10	Statewide
Other		July 1	July 5 - Aug. 10	Sept. 25	Statewide
Oats	Mar. 20 - May 5	July 15	July 25 - Aug. 30	Sept. 20	Statewide
Potatoes:					
Fall	Apr. 25 - May 25	Sept. 15	Oct. 1 - Oct. 10	Oct. 20	80
Summer	Apr. 5 - May 10	July 25	Aug. 15 - Sept. 25	Oct. 20	20
Sorghum:					
Grain	May 5 - June 20	Oct. 1	Oct. 10 - Nov. 15	Nov. 25	60, 90
Silage	May 5 - June 20	Sept. 1	Sept. 5 - Sept. 20	Oct. 1	60, 90
Sugar beets	Apr. 1 - May 25	Oct. 1	Oct. 15 - Nov. 5	Nov. 20	20
Wheat:					
Winter	Aug. 20 - Oct. 10	June 25	July 10 - July 20	Sept. 5	20, 60, 90
Spring	Mar. 25 - May 20	July 15	Aug. 5 - Sept. 25	Oct. 1	10, 80

^{1/} See footnotes at bottom of page.

Fruit Crops: Usual bloom and harvest dates, Colorado

Crop	Usual bloom dates	Usual harvesting dates			Principal producing counties
		Begin	Most active	End	
Apples	Apr. 20 - May 10	Aug. 5	Sept. 10 - Oct. 10	Nov. 5	Delta, Mesa
Peaches	Apr. 5 - Apr. 25	Aug. 5	Aug. 20 - Sept. 5	Sept. 20	Mesa, Delta
Pears	Apr. 20 - May 5	Aug. 10	Aug. 15 - Sept. 10	Sept. 20	Mesa, Delta
Cherries, Tart	Apr. 30	July 5	July 20 - July 30	Aug. 5	Delta, Mesa

Vegetable Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts ^{1/}
		Begin	Most active	End	
Carrots	Apr. 1 - July 5	Aug. 1	Aug. 15 - Nov. 30	Dec. 5	20, 60, 80
Lettuce	Mar. 20 - July 10	June 10	June 15 - Sept. 15	Oct. 1	70, 80
Onions	Mar. 10 - Apr. 30	July 10	Aug. 1 - Sept. 30	Oct. 31	20, 70, 90
Sweet corn	Apr. 1 - June 30	July 10	July 20 - Sept. 20	Oct. 5	20, 60, 90

^{1/} For Districts, see map on inside of front cover as follows:

10-Northwest and Mountains; 20-Northeast; 60-East Central; 70-Southwest; 80-San Luis Valley; 90-Southeast.

Precipitation: Monthly and annual averages by district, Colorado, 1985-91 ^{1/}

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual total
Northwest and Mountain District													
Inches													
Average													
1941-70	1.13	1.02	1.29	1.50	1.37	1.28	1.64	1.76	1.19	1.16	.99	1.13	15.46
1985	1.03	.64	1.76	2.06	1.26	.76	2.50	.50	2.19	1.96	2.56	.89	18.11
1986 .....	.40	2.58	.88	1.62	.82	1.28	2.43	2.09	1.97	1.71	1.24	.48	17.50
1987 .....	.82	.99	1.17	.80	1.71	1.09	1.60	1.86	.57	1.13	1.13	1.32	14.19
1988	1.48	.70	1.16	1.05	1.39	1.51	1.05	1.40	1.23	.34	1.74	1.03	14.08
1989 .....	.79	1.74	1.20	1.09	.96	.92	1.88	1.41	1.14	.71	.86	1.02	13.72
1990 .....	.56	.98	1.51	1.93	1.13	.66	2.35	1.42	1.70	1.89	1.17	.75	16.05
1991 .....	.93	.53	1.93	1.39	1.06	1.77	2.10	1.82	1.15	1.01	1.77	.42	15.88
Northeast District													
Inches													
Average													
1941-70 .....	.47	.44	1.00	1.69	2.81	2.41	1.95	1.54	1.10	1.09	.60	.40	15.50
1985 .....	.56	.31	.50	2.07	1.89	1.84	3.17	.34	1.95	.73	1.36	.87	15.59
1986 .....	.10	.50	.52	3.06	2.27	2.04	1.02	.98	1.11	1.91	.98	.44	14.93
1987 .....	.40	1.45	1.32	1.02	4.61	3.16	1.38	1.72	.70	.67	1.44	1.11	18.98
1988 .....	.54	.43	1.57	.85	4.09	1.16	1.88	1.58	1.44	.06	.28	.84	14.72
1989 .....	.70	.68	.43	.93	2.01	2.96	1.42	2.22	2.07	.61	.10	.47	14.60
1990 .....	.67	.28	3.13	1.25	2.50	.63	3.27	1.89	1.32	.78	1.04	.28	17.04
1991 .....	.44	.12	.62	1.00	3.25	2.82	1.84	1.88	1.47	.94	1.82	.02	16.22
East Central District													
Inches													
Average													
1941-70 .....	.41	.39	.87	1.53	2.56	2.29	2.53	2.15	1.26	1.04	.58	.34	15.95
1985 .....	.41	.42	.49	1.79	3.31	1.13	4.49	1.18	1.98	.69	.76	.42	17.07
1986 .....	.08	.56	.40	1.97	1.62	2.90	2.00	1.65	.95	1.68	.51	.31	14.63
1987 .....	.36	1.27	1.25	.46	5.17	3.04	1.88	1.93	.82	.55	1.02	.66	18.41
1988 .....	.65	.30	.71	.88	4.11	1.75	2.35	1.57	1.48	.05	.26	.52	14.63
1989 .....	.60	.42	.35	.62	2.10	3.93	1.74	2.75	1.56	.24	.06	.41	14.78
1990 .....	.94	.42	1.94	1.06	3.20	.81	3.55	2.16	1.63	1.10	.98	.13	17.92
1991 .....	.24	.09	1.22	1.05	2.91	2.70	4.29	3.09	.75	.69	1.76	.67	19.46
West Central and Southwest District													
Inches													
Average													
1941-70	1.25	1.05	1.25	1.35	1.04	.90	1.39	1.88	1.37	1.61	1.00	1.27	15.36
1985 .....	.88	.57	2.55	2.20	1.34	.49	2.21	.52	3.14	2.16	2.52	.88	19.46
1986 .....	.27	1.23	1.18	2.19	1.50	1.13	2.24	1.87	3.17	1.98	2.85	.66	20.27
1987	1.02	1.99	1.51	.68	1.68	.62	1.45	2.35	.48	1.71	2.04	1.20	16.73
1988	1.54	.61	.63	1.21	1.03	1.29	1.06	2.27	1.82	.45	1.82	1.16	14.89
1989	1.12	1.37	.84	.28	.25	.27	1.62	1.64	.77	1.12	.12	.20	9.60
1990 .....	.71	.86	1.49	2.21	.96	.35	2.13	1.51	2.20	1.94	1.35	1.14	16.85
1991	1.18	.45	1.95	.72	.51	.86	1.44	1.53	1.92	1.38	2.23	1.07	15.24
South Central District													
Inches													
Average													
1941-70 .....	.42	.32	.53	.77	.76	.69	1.45	1.59	.86	.97	.38	.48	9.22
1985 .....	.34	.32	1.04	1.10	.78	.39	2.11	.66	2.15	1.01	.71	.37	10.98
1986 .....	.06	.48	.22	1.05	.72	.91	1.95	1.30	1.29	1.16	1.27	.14	10.55
1987 .....	.70	.68	.68	.55	.92	.75	.31	1.51	.29	.25	.85	.63	8.12
1988 .....	.51	.32	.32	.44	.88	1.07	.94	1.82	.70	.36	.52	.38	8.26
1989 .....	.50	.73	.17	.15	.28	.36	2.01	.96	1.14	.46	.01	.18	6.95
1990 .....	.41	.35	.85	1.81	.81	.27	2.03	1.32	2.37	1.11	.84	.52	12.69
1991 .....	.20	.21	.57	.33	.80	.86	1.36	1.74	.70	.61	1.23	.74	9.35
Southeast District													
Inches													
Average													
1941-70 .....	.56	.54	.95	1.51	1.96	1.61	2.24	2.05	1.05	1.02	.62	.55	14.66
1985 .....	.73	.58	.58	2.16	2.60	.48	2.79	1.07	1.29	1.20	.98	.37	14.83
1986 .....	.18	.27	.32	1.04	.80	3.01	2.41	3.81	1.40	1.84	1.01	.31	16.40
1987 .....	.85	1.42	1.13	.42	3.25	1.91	.61	2.78	1.47	.10	.69	.79	15.42
1988 .....	.57	.34	.68	1.27	2.15	2.23	1.75	1.15	2.47	.10	.38	.53	13.62
1989 .....	.46	.75	.43	.53	2.00	2.14	1.06	2.23	1.77	.25	.06	.64	12.32
1990 .....	.90	1.07	.93	1.10	2.48	.92	4.37	1.51	2.17	.99	.99	.44	17.87
1991 .....	.32	.11	.92	.96	1.07	2.06	2.82	3.10	1.02	.69	2.09	.58	15.74

^{1/} Compiled from reports issued by the National Oceanic and Atmospheric Administration.

COLORADO FARM INCOME

Net farm income for Colorado's 26,500 farm and ranch operators totaled \$873.1 million in 1990, nearly 14 percent above \$767.1 million a year earlier. Gross farm income increased 5 percent from the previous year to \$4.79 billion in 1990. Total production expenses for 1990, at \$3.91 billion, were nearly 3 percent higher than the previous year.

Cash receipts from farm marketings were up 6 percent from 1989 to \$4.21 billion in 1990. Receipts from the sale of crops declined 10 percent to \$1.18 billion while receipts from the sale of livestock and livestock products,

at \$3.03 billion, were up 14 percent. Other farm income was down sharply, dropping 42 percent from the previous year to \$201 million in 1990. Custom feeding services represent a large portion of the other farm income category in Colorado. Income from government payments totaled \$236.7 million in 1990, up 29 percent from \$183.4 million a year earlier. The value of non-cash income increased 6 percent from the previous year to \$107.4 million in 1990 as higher rental values for operator, hired labor, and other dwellings more than offset a decline in the value of products consumed on the farms where produced.

(Continued on next page)

Farm income indicators, Colorado, 1986-90

Item	1986	1987	1988	1989	1990
Million Dollars					
Gross Farm Income ^{1/}	3,542.4	3,955.3	4,415.0	4,571.2	4,785.4
Cash Income	3,559.3	3,749.4	4,215.9	4,498.5	4,651.2
Farm Marketings	3,118.4	3,169.0	3,711.8	3,969.2	4,213.4
Crops	900.1	906.6	1,046.0	1,320.6	1,184.1
Livestock and Products	2,218.3	2,262.4	2,665.8	2,648.6	3,029.3
Government Payments	234.6	342.0	280.5	183.4	236.7
Other Farm Income	206.2	238.4	223.6	345.9	201.0
Machine Hire/Custom Work	25.6	32.3	28.8	34.0	35.4
Other Farm-Related Income ^{2/}	180.6	206.0	194.8	311.9	165.6
Noncash Income	89.5	98.4	104.1	101.7	107.4
Value of Home Consumption	10.4	10.9	11.2	9.7	9.2
Rental Value of Dwellings	79.1	87.5	92.9	92.1	98.2
Operator and Other Dwellings	74.3	82.8	88.2	87.5	93.0
Hired Labor Dwellings	4.8	4.7	4.8	4.5	5.2
Value of Inventory Adjustment	-106.3	107.5	95.0	-29.0	26.9
Total Production Expenses	3,180.4	3,472.2	3,734.4	3,804.1	3,912.3
Intermediate Product Expenses	2,207.3	2,542.9	2,797.1	2,802.4	2,888.8
Farm Origin	1,387.5	1,649.7	1,873.0	1,733.8	1,914.9
Feed Purchased	455.3	434.8	525.0	510.8	539.4
Livestock and Poultry Purchased	888.1	1,169.6	1,301.3	1,173.5	1,325.7
Seed Purchased	44.2	45.3	46.7	49.5	49.8
Manufactured Inputs	256.1	247.2	266.8	276.2	289.1
Fertilizer & Lime	81.6	68.0	80.4	90.9	84.3
Pesticides	39.8	43.2	43.9	52.1	54.9
Fuel & Oil	95.3	89.4	93.2	90.2	107.8
Electricity	39.4	46.6	49.3	43.0	42.1
Other	563.6	646.0	657.2	792.5	684.8
Repair & Maintenance	101.9	110.2	111.7	120.4	114.4
Other Miscellaneous ^{3/}	461.7	535.8	545.5	672.1	570.4
Interest	397.3	319.3	316.4	317.1	317.6
Real Estate	212.7	186.7	165.8	161.8	158.2
Non-Real Estate	184.6	132.6	150.6	155.3	159.5
Contract and Hired Labor Expenses	145.1	153.9	161.2	171.5	193.6
Cash Labor Expenses ^{4/}	138.3	146.1	153.6	164.3	185.6
Perquisites	6.7	7.8	7.5	7.3	8.0
Net Rent To Non-Operator Landlords	84.3	115.6	115.8	158.5	145.8
Capital Consumption	279.6	274.6	276.9	280.0	281.9
Property Taxes	66.9	65.9	67.1	74.6	84.5
Net Farm Income	362.0	483.1	680.6	767.1	873.1
Number of Farms	26,600	27,000	27,300	27,000	26,500

^{1/} Includes operator households.

^{2/} Includes forest product sales, custom feeding services and other farm business-related income.

^{3/} Includes machine hire and custom work, marketing, storage, transportation and miscellaneous expenses.

^{4/} Includes contract labor, hired labor, and Social Security payments.

Farm production expenses increased 3 percent from 1989 to \$3.91 billion in 1990. The total outlay for feed, livestock and poultry, and seed totaled \$1.91 billion in 1990, up 10 percent from \$1.73 billion in 1989. Expenditures for these items represented 49 percent of the total production expenses. Other expenses for repair and maintenance, machine hire and custom work and marketing, storage, and transportation totaled \$684.8 million in 1990, down 14 percent from a year earlier. Manufactured input expenses, at \$289.1 million, were up 5 percent; interest expenses were unchanged at \$317.6 million; and contract and hired labor expenses were up 13 percent to \$193.6 million. The average total net farm income for 1990 was \$32,947 compared with \$28,411 in 1989.

Colorado's farm balance sheet continued to show gradual improvement from a year earlier. Total farm assets increased 11 percent from 1989 to \$19.46 billion. The value of real estate, at \$13.73 billion, represented 71 percent of the total, and was up 13 percent from the previous year. The value of crops held on farms declined 26 percent to \$341.4 million as the result of lower prices as well as declining quantities being held on farms. All other asset categories were above the previous year. The value of livestock and poultry increased 10 percent to \$2.07 billion and the value of household equipment and furnishings increased 23 percent to \$862.1 million. Total farm debt declined 3 percent to \$3.01 billion. Real estate debt declined 2 percent to \$1.61 billion and non-real estate debt was down 4 percent to \$1.40 billion. Farm

equity increased 14 percent to \$16.45 billion. This was reflected in improved equity and debt ratios for the state. The equity/assets ratio, at 84.5, was up from 82.3 in 1989. The debt/equity ratio declined to 18.3 compared with 21.4 in 1989 and the debt/assets ratio dropped to 15.5 compared with 17.7 a year earlier.

Livestock and livestock products continued to be the major contributor to Colorado's cash receipts in 1990 with a total income of \$3.03 billion, up 14 percent from 1989 and representing 71.9 percent of the total cash receipts of \$4.21 billion. Receipts from cattle and calves totaled \$2.61 billion in 1990 which represented 86 percent of the total livestock receipts and 62 percent of the total cash receipts from all commodities. Receipts from crops totaled \$1.18 billion in 1990, down 10 percent from the previous year and representing 28.1 percent of the total compared with 33 percent of the total in 1989. Corn was the state's second leading contributor to cash receipts with \$272.6 million in 1990, followed by wheat with \$202.7 million. Milk remained the fourth largest contributor, with cash receipts of \$179.8 million in 1990. Hay crops generated \$167.9 million in cash receipts even though a large portion of the state's hay is used on the farms and ranches where it is produced. Potatoes produced \$155.1 million in cash receipts and dry beans added \$82.3 million. Hogs had \$52.8 million in cash receipts followed closely with \$52.2 million from onions. Receipts from all fruit crops totaled \$13.5 million. Greenhouse and nursery products, at \$81.4 million, represented 1.9 percent of the total cash receipts for the state in 1990.

Farm balance sheet, Colorado, December 31, 1986-90 1/

Item	1986	1987	1988	1989	1990
Million Dollars					
Total Farm Assets	16,862.6	17,461.9	17,782.4	17,599.1	19,463.6
Real Estate	12,713.4	12,684.9	12,516.2	12,136.8	13,733.7
Livestock & Poultry	1,192.9	1,679.6	1,807.4	1,882.2	2,066.6
Machinery & Motor Vehicles	1,239.1	1,249.2	1,304.4	1,359.4	1,374.5
Crops 2/	287.4	316.5	455.7	460.3	341.4
Purchased Inputs	53.6	58.6	124.4	109.2	122.7
Household Equipment and Furnishings ..	523.3	576.4	632.1	699.8	862.1
Investments in Cooperatives	447.6	451.2	469.1	489.1	492.1
Other Financial	405.3	445.4	473.1	462.3	470.6
Total Farm Debt	3,487.5	3,249.1	3,150.3	3,107.1	3,011.1
Real Estate 3/	2,098.7	1,833.0	1,743.2	1,644.2	1,608.3
Non-Real Estate 4/	1,388.9	1,416.1	1,407.0	1,462.9	1,402.9
Equity	13,375.0	14,212.8	14,632.1	14,492.0	16,452.5
Ratio					
Equity/Assets	79.3	81.4	82.3	82.3	84.5
Debt/Equity	26.1	22.9	21.5	21.4	18.3
Debt/Assets	20.7	18.6	17.7	17.7	15.5

1/ Includes operator households.

2/ All crops held on farms including value above loan rates for crops held under CCC.

3/ Includes CCC storage and drying facilities loans.

4/ Includes debt owed to both institutional and non-institutional lenders.

Farm Income: Cash receipts by commodity, Colorado, 1987-90

Commodity	1987		1988		1989		1990	
	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total 1/
	1,000 Dollars	Percent	1,000 Dollars	Percent	1,000 Dollars	Percent	1,000 Dollars	Percent
All commodities	3,169,030	100.0	3,711,766	100.0	3,969,206	100.0	4,213,419	100.0
Livestock and products	2,262,443	71.4	2,665,774	71.8	2,648,577	66.7	3,029,345	71.9
Meat animals	1,999,493	63.1	2,365,793	63.7	2,315,595	58.3	2,708,232	64.3
Cattle and calves	1,912,404	60.3	2,285,961	61.6	2,232,584	56.2	2,610,209	61.9
Hogs	36,638	1.2	34,973	.9	39,531	1.0	52,848	1.3
Sheep and lambs	50,451	1.6	44,859	1.2	43,480	1.1	45,175	1.1
Dairy products	157,224	5.0	160,693	4.3	183,434	4.6	188,451	4.5
Milk, retail	7,814	.3	8,233	.2	8,651	.2	8,651	.2
Milk, wholesale	149,410	4.7	152,460	4.1	174,783	4.4	179,800	4.3
Poultry/eggs	84,860	2.6	114,235	3.1	121,092	3.1	107,810	2.5
Chicken eggs	30,982	1.0	35,933	1.0	52,187	1.3	51,089	1.2
Other poultry	1,001	*	1,081	*	1,878	*	1,175	*
Miscellaneous livestock	20,866	.7	25,053	.7	28,456	.7	24,852	.6
Honey	2,184	.1	2,191	*	1,782	*	2,042	*
Wool	5,182	.2	8,862	.2	8,501	.2	4,046	.1
Other livestock	13,500	.4	14,000	.4	15,000	.4	15,500	.4
Crops	906,587	28.6	1,045,992	28.2	1,320,629	33.3	1,184,074	28.1
Food grains	225,875	7.1	265,987	7.2	278,415	7.0	202,768	4.8
Wheat	225,816	7.1	265,780	7.2	278,287	7.0	202,664	4.8
Feed crops	335,670	10.6	410,127	11.0	537,989	13.6	491,624	11.7
Barley	33,349	1.1	34,552	.9	37,874	1.0	32,757	.8
Corn	165,999	5.2	188,900	5.1	310,672	7.8	272,551	6.5
Hay	120,881	3.8	167,973	4.5	163,452	4.1	167,856	4.0
Oats	1,842	.1	3,811	.1	2,797	.1	1,530	*
Sorghum grain	13,599	.4	14,891	.4	23,194	.6	16,930	.4
Vegetables	195,502	6.2	218,166	5.9	343,153	8.7	324,759	7.7
Beans, dry	46,375	1.5	48,453	1.3	101,499	2.6	82,269	2.0
Potatoes	69,010	2.2	60,853	1.6	140,236	3.5	155,063	3.7
Summer	9,531	.3	9,596	.3	12,300	.3	11,592	.3
Fall	59,479	1.9	51,257	1.4	127,936	3.2	143,471	3.4
Carrots	3,412	.1	4,234	.1	4,442	.1	3,412	.1
Corn, sweet	4,186	.1	4,738	.1	5,394	.1	5,821	.1
Cucumbers	2,114	.1	2,002	*	1,478	*	1,088	*
Lettuce	13,833	.4	6,891	.2	9,537	.2	12,648	.3
Onions	44,133	1.4	78,098	2.1	68,724	1.7	52,224	1.2
Miscellaneous vegetables	11,800	.4	12,000	.3	11,500	.3	12,000	.3
Fruits/nuts	14,184	.4	13,058	.4	12,845	.3	13,457	.3
Apples	8,129	.3	7,174	.2	6,807	.2	6,290	.1
Peaches	3,814	.1	4,175	.1	4,175	.1	5,696	.1
Pears	1,592	*	928	*	1,348	*	841	*
Other berries	68	*	70	*	65	*	68	*
Miscellaneous fruits & nuts	500	*	510	*	400	*	450	*
All other crops	135,356	4.3	138,654	3.7	148,227	3.7	151,466	3.6
Sugar beets	28,426	.9	37,048	1.0	38,395	1.0	41,253	1.0
Other seeds	980	*	990	*	960	*	980	*
Other field crops	14,500	.5	16,000	.4	15,000	.4	18,000	.4
Greenhouse/nursery	83,792	2.6	76,536	2.0	84,669	2.1	81,382	1.9
Floriculture	53,022	1.6	45,736	1.2	53,169	1.3	49,382	1.2
Ornamentals, other	30,770	1.0	30,800	.8	31,500	.8	32,000	.7

1/ Totals may not add due to rounding.

* Less than 0.05 percent.

Note: Reprinted from *Economic Indicators of the Farm Sector*, December 1991, USDA Economic Research Service.

CASH RECEIPTS DEFINED

Cash receipt data as prepared by the Economic Research Service (ERS) reflect income derived from the sale of agricultural commodities during a calendar year for only that portion of the commodity that is sold. Whereas, value of production data for crops and livestock products as prepared by the National Agricultural Statistics Service (NASS) reflect the total value of the commodity produced based on a marketing year average price.

For certain commodities such as some fruits and vegetables which are normally sold in the same calendar year in which they were produced, cash receipt data and value of production data will be in close agreement. However, for most field crops, the marketing year will span portions of two calendar years, making the two data series non comparable. Data users should be aware of the differences between the ERS and NASS data series in their use of the data.

PRICES RECEIVED BY FARMERS

Prices received by farmers and ranchers provide a basis for calculating the income from the Agricultural Sector as part of the National Income Accounts. These data are also extensively used to analyze past and current marketing patterns and to make current and future marketing decisions. Prices received for major farm commodities are used in computing the Index of Prices Received by Farmers, an important indicator of the economic environment of the nation's agricultural producers.

The basic data for prices received are provided voluntarily by producers, grain dealers, and others who purchase agricultural products. Data collected through monthly inquiries measure the disposition of individual commodities and the amount of product that is sold. The monthly marketing volumes are used to weight previously estimated monthly prices to a marketing year average price.

Marketing year average prices, by commodity, Colorado, 1983-91

Commodity	Price per unit ^{1/}									
	Unit	1983	1984	1985	1986	1987	1988	1989	1990	1991
	Dollars									
Wheat, all	Bu.	3.24	3.19	2.77	2.26	2.51	3.69	3.66	2.46	3.30
Wheat, winter	Bu.	3.23	3.18	2.76	2.25	2.51	3.69	3.68	2.47	3.30
Wheat, spring	Bu.	3.40	3.35	3.19	2.46	2.60	3.62	3.45	2.28	3.20
Corn, grain	Bu.	3.17	2.66	2.37	1.60	1.95	2.54	2.32	2.36	2.45
Corn, silage	Ton	21.60	21.70	20.00	16.40	15.30	22.20	21.30	21.60	20.00
Barley, all	Bu.	2.97	2.61	2.60	2.15	2.56	3.01	3.28	3.06	3.00
Sorghum, grain	Bu.	2.79	2.36	2.03	1.42	1.84	2.25	2.20	2.09	2.21
Sorghum, silage	Ton	21.80	19.30	13.70	12.20	12.60	17.00	18.00	19.50	18.50
Dry beans ^{2/}	Cwt.	18.40	16.70	17.20	15.20	14.60	31.20	30.40	15.90	13.00
Sunflowers, all ^{3/}	Cwt.	...	...	...	...	...	...	...	...	9.60
Oil varieties	Cwt.	...	...	...	...	...	...	...	...	8.00
Non-oil varieties	Cwt.	...	...	...	...	...	...	...	...	11.70
Sugar beets	Ton	33.40	22.40	27.40	32.90	35.40	42.10	43.70	39.80	^{4/}
Oats	Bu.	1.90	1.85	1.60	1.40	1.60	2.45	1.45	1.70	1.60
Hay, all (baled)	Ton	68.50	72.00	57.50	58.00	62.00	82.00	91.50	80.50	71.00
Potatoes, all	Cwt.	6.25	4.75	2.50	4.40	2.10	7.15	8.10	4.65	2.70
Potatoes, summer	Cwt.	5.25	5.45	4.15	6.00	5.40	5.40	6.00	6.80	4.90
Potatoes, fall	Cwt.	6.40	4.65	2.25	4.20	1.75	7.35	8.35	4.45	2.45
Rye	Bu.	2.05	1.65	1.95	1.15	1.25	2.15	1.65	1.70	1.90
Apples, commercial	Lb.	.091	.111	.095	.097	.067	.110	.096	.147	.139
Cherries, tart	Lb.	.419	.250	.229	.399	.101	.251	.125	.207	.414
Peaches	Lb.	.231	.254	.260	.310	.224	.269	^{5/}	.356	.380
Pears	Ton	168.00	223.00	219.00	280.00	199.00	251.00	337.00	336.00	298.00
Carrots	Cwt.	13.80	12.60	11.70	14.50	7.60	8.40	8.35	7.60	8.00
Cucumbers	Ton	^{3/}	131.00	133.00	139.00	169.00	123.00	140.00	137.00	113.00
Lettuce	Cwt.	11.80	13.90	11.10	10.00	17.40	10.70	13.10	12.40	6.42
Onions	Cwt.	14.60	12.80	8.95	13.00	11.50	12.30	12.90	11.10	12.40
Sweet Corn	Cwt.	8.70	8.35	6.70	8.30	8.85	9.40	12.40	12.60	11.00
Tomatoes	Ton	69.80	79.70	71.10	67.60	84.20	72.70	95.00	98.00	100.00
Beef cattle	Cwt.	61.30	63.30	58.50	57.00	66.00	70.90	73.20	78.50	75.30
Milk cows	Hd.	1,050.00	935.00	940.00	870.00	1,010.00	1,060.00	1,080.00	1,160.00	1,160.00
Calves	Cwt.	66.90	65.00	67.50	66.20	82.50	93.20	93.20	99.80	103.00
Steers & heifers	Cwt.	62.60	64.90	59.90	58.70	67.40	72.50	75.30	80.00	76.30
Cows	Cwt.	38.40	37.20	37.60	36.70	45.90	49.10	49.70	53.10	51.50
Sheep	Cwt.	14.80	15.50	23.90	28.30	32.00	25.30	27.30	24.10	22.40
Lambs	Cwt.	56.50	61.50	67.10	67.60	74.60	68.50	63.40	54.40	54.00
Hogs	Cwt.	47.80	48.30	45.10	51.30	53.80	44.60	44.30	55.80	52.10
Turkeys	Lb.	.400	.500	.500	.620	^{6/}	^{6/}	^{6/}	^{6/}	^{6/}
Chickens	Lb.	.130	.150	.110	.110	.120	.130	.160	.120	.110
Eggs	Doz.	.700	.750	.600	.660	.580	.550	.760	.778	.730
Milk sold to plants	Cwt.	14.90	14.80	14.00	13.50	13.40	13.20	14.70	14.50	12.70
Wool	Lb.	.57	.78	.62	.68	.93	1.40	1.34	.71	.52

^{1/} Does not include government payments.

^{2/} Price applies to clean basis.

^{3/} Estimates begun in 1991.

^{4/} Not available.

^{5/} No 1989 value due to freeze.

^{6/} Not published separately to avoid disclosure.

Prices Received: Monthly averages by commodity, Colorado, 1983-91

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
All Wheat												
Dollars Per Bushel												
1983	3.49	3.48	3.54	3.61	3.50	3.36	3.12	3.26	3.31	3.28	3.28	3.26
1984	3.24	3.18	3.24	3.31	3.34	3.25	3.17	3.22	3.30	3.20	3.18	3.22
1985	3.19	3.16	3.16	3.13	2.93	2.88	2.72	2.59	2.67	2.77	2.85	2.97
1986	2.92	2.90	2.94	3.01	2.99	2.35	2.09	2.06	2.12	2.20	2.29	2.33
1987	2.28	2.38	2.42	2.44	2.54	2.38	2.18	2.20	2.30	2.37	2.52	2.59
1988	2.61	2.70	2.65	2.64	2.75	3.11	3.25	3.27	3.28	3.62	3.74	3.75
1989	3.74	3.96	4.03	4.08	4.04	4.01	3.73	3.72	3.71	3.73	3.80	3.81
1990	3.74	3.67	3.40	3.34	3.42	3.02	2.69	2.42	2.37	2.30	2.34	2.36
1991	2.39	2.31	2.44	2.56	2.62	2.61	2.47	2.57	2.81	3.10	3.32	3.41
Corn for Grain												
Dollars Per Bushel												
1983	2.59	2.74	2.92	3.20	3.15	3.35	3.30	3.25	3.15	3.14	3.10	3.12
1984	3.06	2.93	3.12	3.24	3.21	3.31	3.32	3.22	3.11	2.64	2.60	2.61
1985	2.62	2.62	2.70	2.74	2.63	2.88	2.79	2.75	2.55	2.25	2.29	2.40
1986	2.44	2.46	2.45	2.44	2.60	2.52	2.27	1.77	1.71	1.60	1.56	1.57
1987	1.50	1.63	1.58	1.57	1.77	1.72	1.76	1.60	1.64	1.66	1.68	1.75
1988	1.76	1.84	1.79	1.89	1.88	2.47	3.00	2.86	2.85	2.65	2.57	2.55
1989	2.69	2.53	2.60	2.54	2.52	2.43	2.46	2.41	2.29	2.24	2.20	2.25
1990	2.23	2.29	2.30	2.48	2.55	2.71	2.67	2.70	2.52	2.31	2.26	2.28
1991	2.28	2.34	2.40	2.48	2.48	2.49	2.43	2.49	2.43	2.35	2.37	2.39
Sorghum for Grain												
Dollars Per Cwt.												
1983	4.23	4.46	4.83	5.45	5.08	5.65	5.29	5.22	5.28	5.03	4.93	5.21
1984	5.00	4.66	4.69	5.03	5.04	5.20	5.12	5.02	4.34	4.16	4.09	4.07
1985	4.11	4.22	4.18	4.92	4.07	5.28	4.74	4.74	4.29	3.35	3.44	3.54
1986	3.72	3.73	3.70	3.84	3.99	4.31	3.67	1/	2.81	2.44	2.44	2.52
1987	2.44	2.34	2.55	2.59	2.74	2.96	2.49	2.70	3.07	2.79	2.70	2.73
1988	2.76	2.71	2.77	2.90	2.81	4.29	4.87	4.48	4.49	4.19	4.03	3.86
1989	4.12	4.45	4.01	4.01	3.96	4.01	3.82	3.74	3.79	3.52	4.02	3.65
1990	3.67	3.31	3.87	4.06	4.22	4.29	1/	1/	3.70	3.39	3.47	3.80
1991	3.64	3.85	3.94	4.23	4.06	3.80	3.93	4.28	3.80	3.91	3.76	3.80
All Barley												
Dollars Per Bushel												
1983	2.71	2.07	2.37	2.48	2.54	2.70	2.35	2.86	2.62	3.26	3.25	3.34
1984	2.53	2.71	2.64	2.74	2.64	2.61	2.61	2.75	2.30	2.93	2.94	2.29
1985	2.05	2.15	2.28	2.50	2.25	2.17	2.37	2.29	2.80	3.05	3.33	3.12
1986	2.01	1.87	1.97	1.93	2.01	1.78	1.96	1.76	1.67	2.88	2.77	2.94
1987	1.45	1.44	1.50	1.49	1.50	1.62	2.03	2.47	2.17	2.89	3.52	2.90
1988	2.38	2.55	1.67	1.66	1.70	1.79	2.62	3.40	3.41	3.21	3.11	3.09
1989	2.41	2.06	2.11	2.27	2.24	2.23	2.31	3.86	3.10	3.18	3.44	2.82
1990	2.36	2.35	2.30	2.29	2.55	2.45	2.53	2.89	3.24	2.25	3.44	3.42
1991	2.94	3.20	3.17	2.41	2.25	2.32	2.57	3.54	2.66	3.28	3.30	3.33
Feed Barley												
Dollars Per Bushel												
1983	1.85	2.07	2.37	2.48	2.54	2.70	2.32	2.25	2.33	2.30	2.42	2.55
1984	2.53	2.71	2.74	2.74	2.64	2.61	2.29	2.24	2.04	2.17	2.16	2.17
1985	2.05	2.15	2.28	2.50	2.25	2.17	2.03	1.81	1.71	1.75	1.92	1.92
1986	1.98	1.87	1.97	1.92	2.00	1.75	1.39	1.34	1.31	1.30	1.43	1.42
1987	1.31	1.44	1.50	1.49	1.49	1.62	1.37	1.41	1.40	1.46	1.48	1.59
1988	1.56	1.73	1.67	1.66	1.70	1.74	2.14	2.07	2.24	2.09	2.09	2.14
1989	2.22	2.06	2.09	2.27	2.24	2.23	2.05	2.13	2.17	2.36	2.27	2.30
1990	2.36	2.35	2.30	2.29	2.55	2.45	2.15	2.04	2.08	1.97	2.06	2.00
1991	1.99	2.00	2.05	2.32	2.24	2.32	2.08	2.04	1.94	2.01	2.20	2.12

1/ Insufficient sales.

Prices Received: Monthly averages by commodity, Colorado, 1983-91 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Dry Beans												
Dollars Per Cwt.												
1983	10.00	9.80	9.40	10.80	12.70	13.80	15.00	16.00	21.10	20.80	20.70	19.60
1984	18.70	18.00	17.30	18.00	18.10	16.50	15.40	14.90	14.40	14.90	14.40	14.10
1985	14.90	15.30	15.50	16.90	17.80	18.20	19.70	18.30	16.80	18.30	18.00	18.00
1986	18.20	16.80	16.70	16.60	16.30	16.20	16.40	15.30	14.70	16.20	15.90	15.40
1987	14.40	14.50	13.90	13.60	13.90	15.00	16.00	16.30	13.70	13.60	12.30	11.80
1988	11.50	11.40	13.10	13.30	15.70	19.20	25.90	23.90	30.40	29.90	29.20	29.20
1989	29.20	31.80	34.20	34.20	35.30	36.00	36.00	33.80	25.40	26.60	28.20	28.40
1990	33.40	35.80	36.80	37.00	38.40	40.20	39.20	29.00	15.80	15.60	15.60	15.20
1991	14.80	15.70	15.90	15.90	17.60	17.80	16.40	14.40	13.40	13.30	12.80	12.60
All Hay, Baled												
Dollars Per Ton												
1983	65.00	68.00	70.00	66.00	67.00	65.00	66.00	64.00	63.00	69.00	68.00	69.00
1984	69.00	70.00	76.00	73.00	75.00	72.00	70.00	71.00	72.00	72.00	73.00	73.00
1985	75.00	73.00	73.00	73.00	70.00	69.00	65.00	62.00	62.00	60.00	58.00	55.00
1986	53.00	56.00	56.00	51.00	54.00	59.00	58.00	58.00	58.00	57.00	58.00	55.00
1987	60.00	59.00	59.00	59.00	58.00	57.00	57.00	58.00	58.00	62.00	64.00	68.00
1988	65.00	62.00	64.00	66.00	70.00	72.00	79.00	81.00	78.00	80.00	84.00	86.00
1989	84.00	82.00	87.00	87.00	87.00	89.00	91.00	88.00	89.00	92.00	92.00	95.00
1990	95.00	95.00	93.00	90.00	87.00	84.00	85.00	83.00	79.00	79.00	78.00	80.00
1991	79.00	79.00	81.00	78.00	77.00	75.00	75.00	72.00	74.00	73.00	71.00	71.00
Alfalfa Hay, Baled												
Dollars Per Ton												
1983	66.00	69.00	70.00	66.00	67.00	65.00	66.00	64.00	64.00	70.00	70.00	71.00
1984	72.00	73.00	77.00	76.00	76.00	72.00	70.00	71.00	73.00	74.00	74.00	75.00
1985	77.00	74.00	75.00	74.00	71.00	69.00	65.00	63.00	64.00	61.00	58.00	54.00
1986	52.00	55.00	58.00	51.00	54.00	60.00	58.00	58.00	58.00	58.00	58.00	55.00
1987	61.00	59.00	59.00	59.00	58.00	57.00	57.00	58.00	58.00	63.00	64.00	68.00
1988	65.00	62.00	65.00	66.00	70.00	73.00	80.00	84.00	80.00	83.00	86.00	88.00
1989	86.00	84.00	88.00	88.00	87.00	89.00	91.00	89.00	90.00	92.00	93.00	95.00
1990	95.00	95.00	93.00	90.00	87.00	84.00	85.00	83.00	81.00	80.00	79.00	80.00
1991	80.00	79.00	81.00	79.00	77.00	75.00	75.00	72.00	74.00	73.00	72.00	72.00
All Other Hay, Baled												
Dollars Per Ton												
1983	62.00	63.00	66.00	62.00	65.00	66.00	67.00	65.00	61.00	66.00	64.00	63.00
1984	63.00	64.00	65.00	64.00	69.00	65.00	67.00	68.00	68.00	67.00	65.00	63.00
1985	66.00	67.00	66.00	67.00	65.00	63.00	60.00	58.00	59.00	57.00	58.00	60.00
1986	58.00	59.00	53.00	50.00	54.00	52.00	54.00	56.00	60.00	55.00	59.00	55.00
1987	53.00	56.00	54.00	56.00	56.00	60.00	60.00	58.00	60.00	59.00	61.00	65.00
1988	62.00	60.00	60.00	63.00	65.00	67.00	72.00	76.00	72.00	70.00	72.00	73.00
1989	72.00	73.00	76.00	80.00	83.00	85.00	85.00	86.00	88.00	88.00	89.00	92.00
1990	94.00	94.00	90.00	87.00	84.00	81.00	82.00	80.00	76.00	75.00	76.00	78.00
1991	77.00	75.00	76.00	75.00	74.00	73.00	74.00	77.00	76.00	70.00	68.00	67.00
All Potatoes												
Dollars Per Cwt.												
1983	3.40	3.25	3.20	4.25	4.10	3.60	5.00	5.80	6.05	5.00	4.55	5.35
1984	7.05	7.00	6.95	6.80	7.00	7.05	5.35	5.95	4.40	3.90	4.00	4.35
1985	4.75	4.45	4.65	5.20	5.65	6.55	5.10	3.55	3.00	2.90	2.65	2.20
1986	2.05	2.05	2.00	2.00	2.10	3.25	5.40	6.95	5.15	3.95	3.65	3.50
1987	3.65	3.75	3.80	3.75	5.50	6.65	7.80	5.65	4.15	3.00	2.15	1.65
1988	1.85	1.65	1.60	1.40	1.60	1.80	2.25	5.25	5.90	5.65	5.60	5.30
1989	6.25	6.80	8.35	8.45	8.80	9.80	10.40	6.55	6.30	6.05	5.60	6.00
1990	7.65	8.50	11.00	11.30	8.75	9.10	10.00	8.95	5.65	4.10	3.55	3.80
1991	4.30	4.10	4.00	4.25	4.10	7.75	8.00	4.60	3.80	2.50	2.40	2.00

Prices Received: Monthly averages by commodity, Colorado, 1983-91 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Apples for Fresh Market												
Cents Per Pound												
1983	13.90	14.00	14.20	14.20	14.20	...	...	10.00	9.00	8.50	9.00	13.00
1984	19.00	22.00	22.00	...	...	...	...	18.00	18.00	14.00	14.00	15.00
1985	16.00	16.50	20.00	21.00	...	...	...	...	16.00	13.00	12.00	13.00
1986	12.00	12.00	10.00	...	...	...	...	...	14.70	12.80	12.70	13.70
1987	13.80	...	...	...	...	...	...	8.00	8.50	11.00	11.00	7.50
1988	8.00	...	...	...	...	...	...	...	...	16.00	13.00	12.00
1989	11.00	11.00	9.00	...	...	...	...	...	16.00	12.00	11.00	9.50
1990	22.00	18.00	...	...	...	...	...	...	...	21.00	18.00	19.00
1991 .....	...	...	...	...	...	...	...	...	13.00	15.00	15.00	17.00
Beef Cattle												
Dollars Per Cwt.												
1983	59.30	61.00	64.20	66.80	66.10	64.40	61.90	60.10	57.30	57.20	57.50	62.50
1984	65.10	64.40	66.80	66.60	64.60	63.40	64.50	62.40	60.70	59.10	60.60	63.00
1985	62.50	62.60	60.90	59.70	59.30	56.70	54.50	52.10	53.60	57.50	60.30	60.30
1986	56.30	55.90	55.70	53.90	55.70	54.20	57.60	56.30	59.30	59.00	60.20	57.40
1987	59.30	62.90	64.20	68.60	69.20	67.90	66.20	66.00	69.00	67.90	66.40	65.40
1988	67.50	69.80	71.90	73.80	74.10	70.90	65.90	68.70	70.90	73.90	71.80	70.90
1989	74.00	74.40	76.90	76.00	73.30	70.50	71.00	72.70	71.10	72.90	73.20	72.90
1990	77.30	77.90	78.40	79.00	77.30	77.30	76.30	78.90	80.30	80.20	78.80	79.80
1991	78.90	80.10	81.90	81.20	80.10	74.70	73.40	69.50	69.20	73.70	72.10	70.00
Cows												
Dollars Per Cwt.												
1983	37.90	43.10	43.50	41.60	42.60	40.10	38.60	39.60	37.20	34.80	33.70	34.60
1984	36.60	40.00	41.00	39.90	38.70	38.80	39.00	37.80	36.90	35.40	33.90	36.20
1985	42.00	45.60	44.40	40.00	40.00	36.60	34.80	35.60	35.40	33.10	33.30	33.40
1986	35.90	39.50	38.50	33.80	36.00	37.60	37.10	36.50	37.60	36.90	35.90	36.70
1987	42.30	45.10	46.40	45.60	46.50	45.50	44.30	47.00	49.30	46.40	46.00	47.00
1988	47.20	51.60	54.10	52.30	49.80	44.90	47.10	48.60	50.50	47.70	48.50	46.90
1989	50.00	57.60	50.50	53.70	47.50	47.20	46.50	51.20	50.50	48.80	47.50	49.40
1990	53.40	54.00	54.30	54.20	56.70	56.80	55.80	56.10	53.90	50.50	48.80	51.00
1991	51.00	52.70	54.10	55.20	54.90	52.80	52.40	51.90	49.60	51.60	47.60	51.30
Steers and Heifers												
Dollars Per Cwt.												
1983	61.00	61.90	65.40	68.30	67.40	65.40	62.50	61.10	57.90	58.60	59.40	64.70
1984	67.30	66.20	68.00	67.70	65.70	64.50	65.40	63.70	61.70	60.70	63.80	65.70
1985	64.60	63.80	61.90	60.40	60.00	58.00	55.20	52.80	54.40	59.10	62.90	64.10
1986	59.30	57.20	56.80	55.10	57.00	55.50	58.70	57.30	60.20	61.00	62.80	61.10
1987	60.80	63.80	65.00	69.90	70.60	70.00	67.10	67.20	69.90	70.40	68.70	67.20
1988	68.90	70.90	73.10	74.90	76.10	72.20	66.60	69.50	72.00	75.60	75.70	73.80
1989	76.10	75.60	78.70	77.30	75.70	72.60	71.90	74.10	72.80	75.10	77.70	77.30
1990	79.50	79.30	80.00	80.50	78.90	77.80	76.70	79.80	80.90	81.50	83.20	81.60
1991	80.60	81.10	82.80	82.10	80.90	75.50	73.70	69.80	69.60	75.60	74.30	71.40
Calves												
Dollars Per Cwt.												
1983	66.20	70.30	70.80	71.40	70.00	67.60	62.20	60.90	58.30	61.90	63.40	65.80
1984	67.40	65.00	67.40	67.20	64.90	62.30	61.00	57.80	59.90	63.80	63.90	64.40
1985	69.20	70.90	71.20	71.70	69.10	66.20	61.30	57.40	62.60	65.80	66.80	64.20
1986	66.10	67.00	66.90	61.90	60.80	59.80	63.00	63.00	65.80	67.30	66.40	68.10
1987	73.20	77.10	77.80	80.10	79.10	78.40	74.20	80.50	93.80	87.20	89.00	89.10
1988	94.20	97.00	98.30	93.50	94.00	88.70	89.30	88.90	94.20	92.70	91.50	93.40
1989	92.80	97.10	94.60	90.90	87.40	89.70	93.00	99.70	96.10	93.50	91.00	94.30
1990	96.40	100.00	100.00	102.00	103.00	102.00	106.00	101.00	101.00	98.70	100.00	102.00
1991	104.00	107.00	113.00	112.00	114.00	109.00	106.00	100.00	102.00	99.20	98.00	94.70

Prices Received: Monthly averages by commodity, Colorado, 1983-91 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Milk Cows for Dairy Herd Replacement 1/												
Dollars Per Head												
1983	1,080	...	...	1,100	...	...	1,060	...	...	960	...	...
1984	910	...	...	945	...	...	950	...	...	930	...	...
1985	960	...	...	970	...	...	930	...	...	890	...	...
1986	910	...	...	850	...	...	850	...	...	860	...	...
1987	920	...	...	980	...	...	1,020	...	...	1,100	...	...
1988	1,080	...	...	1,080	...	...	1,070	...	...	1,020	...	...
1989	1,030	...	...	1,100	...	...	1,100	...	...	1,100	...	...
1990	1,080	...	...	1,100	...	...	1,200	...	...	1,250	...	...
1991	1,180	...	...	1,150	...	...	1,170	...	...	1,150	...	...
Milk Sold to Plants												
Dollars Per Cwt.												
1983	15.10	15.10	15.00	15.00	14.70	14.40	14.30	14.60	14.90	15.10	15.30	15.40
1984	15.30	15.00	14.90	14.80	14.50	14.10	14.10	14.30	14.60	15.10	15.50	15.20
1985	15.20	15.20	14.80	14.40	13.80	13.10	13.10	13.30	13.60	14.00	14.10	14.00
1986	14.00	13.80	13.60	13.40	13.10	13.00	12.80	13.10	13.60	14.10	14.20	14.10
1987	14.10	13.90	13.90	13.30	12.80	12.70	12.70	13.00	13.60	13.80	13.90	13.80
1988	13.90	13.60	13.30	12.80	11.70	12.20	11.90	12.80	13.50	14.00	14.50	14.80
1989	14.80	14.60	14.10	13.80	13.70	13.70	13.80	14.60	15.20	15.70	16.00	16.60
1990	16.60	15.70	14.90	14.10	14.20	14.20	14.50	14.90	14.90	14.00	13.50	12.10
1991	12.30	12.30	11.90	11.80	11.60	11.80	12.30	12.80	13.40	13.90	14.10	14.20
Sheep												
Dollars Per Cwt.												
1983	23.20	21.90	16.30	14.80	13.60	13.30	22.80	15.60	15.20	12.80	12.80	17.80
1984	20.90	22.50	18.20	11.90	9.70	13.70	12.70	13.40	17.70	13.60	14.90	28.90
1985	23.90	29.00	28.40	18.60	21.70	22.40	23.20	26.90	25.30	20.50	28.40	25.80
1986	32.70	23.90	31.80	23.60	18.40	22.90	28.00	30.40	31.40	27.30	27.70	33.60
1987	33.30	42.40	31.40	29.30	25.70	25.50	25.60	37.80	37.70	28.00	31.30	29.40
1988	35.10	35.80	31.10	29.60	18.20	22.90	24.80	22.20	23.20	23.50	25.10	27.30
1989	41.20	36.70	36.30	30.90	13.80	21.30	22.80	21.60	22.00	23.40	28.10	32.70
1990	36.10	35.90	28.20	22.10	18.40	22.30	24.20	23.00	18.20	17.40	22.70	24.20
1991	24.70	23.50	26.30	24.30	20.30	24.90	23.20	23.50	21.80	18.70	19.50	22.30
Lambs												
Dollars Per Cwt.												
1983	55.30	60.60	63.20	61.70	59.60	56.00	52.70	50.00	47.90	51.80	57.50	60.00
1984	60.60	58.80	56.70	59.50	62.10	60.40	61.90	63.20	63.70	63.10	63.80	61.40
1985	61.50	66.50	68.00	65.00	72.50	70.90	72.40	71.60	70.30	66.70	63.00	58.40
1986	61.30	66.30	61.00	68.90	76.80	73.90	73.10	70.10	67.20	58.60	73.80	71.30
1987	75.60	73.60	78.10	81.80	88.00	84.50	77.60	75.70	73.50	65.00	61.80	74.30
1988	79.60	76.80	74.20	66.20	67.30	59.00	60.60	60.40	65.90	66.40	67.60	66.40
1989	64.60	65.60	70.20	68.70	70.10	70.90	69.40	66.10	65.40	57.10	53.50	53.20
1990	51.00	52.60	63.90	60.90	52.70	53.20	53.50	55.60	56.20	55.90	53.20	50.00
1991	48.60	45.30	50.90	54.40	57.80	57.40	60.70	56.80	55.70	55.30	53.30	53.30
Wool												
Cents Per Pound												
1983	48	50	54	58	56	60	56	61	58	66	63	59
1984	62	68	66	89	92	78	74	82	69	61	71	66
1985	59	66	60	63	62	67	62	64	55	64	63	54
1986	58	63	63	68	72	76	62	70	61	58	69	58
1987	75	93	83	97	98	104	71	82	89	69	89	86
1988	82	115	141	150	155	139	138	100	94	86	113	107
1989	145	148	139	136	138	133	114	144	81	112	71	71
1990	69	74	78	75	80	73	59	73	60	54	44	52
1991	57	58	51	51	51	57	55	48	69	36	46	48

1/ Includes springer heifers.

1991 LIVESTOCK REVIEW

The January 1, 1992 inventory of all cattle and calves increased by 5 percent from a year earlier to 2.95 million head. The January 1, 1992 all sheep and lamb inventory remained constant compared with the 1991 inventory at 710,000. The inventory of all hogs and pigs on December 1, 1991 increased 37 percent from a year earlier to 410,000 head. The all chicken inventory as of December 1, 1991 increased 6 percent from December 1990 to 4.64 million birds. Colorado is the fourth largest cattle feeding state, marketing over 2 million head of fed cattle annually and continues to be the largest sheep feeding state as several surrounding states ship their lambs into Colorado for feeding and slaughter.

Pasture and range feed conditions were rated mostly fair during April and May 1991 as temperatures warmed and scattered showers stimulated forage growth. Frequent rain showers during late May and into June improved forage growth and conditions were mostly good through June with some areas reporting excellent pasture and range feed conditions at the end of the month. Seasonal drying began to occur during July and conditions fluctuated between fair to good and then moved into the good to excellent range in August as a result of July moisture. Conditions remained mostly excellent through October and then declined to mostly good as the grazing season ended. Pasture and range feed conditions were also mostly good to excellent at the beginning of the 1992 grazing season.

ALL CATTLE AND CALVES - The inventory of all cattle and calves on January 1, 1992 increased by 5 percent from a year earlier to 2.95 million head. The number of cattle on feed for the slaughter market decreased nearly 5 percent from one year earlier to 930,000 head and accounted for nearly one-third of the state's total inventory. During 1991 there were 295 feedlots in operation in Colorado. Those feedlots marketed 2,170,000 head of fed cattle during the year, down from 2,185,000 marketed from 285 lots a year earlier. The 16 largest feedlots marketed 61 percent of the annual total in 1991. The all cow inventory, at 900,000 head, showed a 6 percent increase from 1991; the beef cow inventory of 823,000 head also showed a 6 percent increase from the previous year; and the dairy herd inventory remained unchanged compared with 1991 and totaled 77,000 head. Milk production in Colorado increased only slightly from 1990, but the 1.34 billion pounds produced established a new record high for the seventh consecutive year. The annual average production per cow also reached a new record high of 17,338 pounds. The 1991 calf crop was estimated at 840,000 head, up 1 percent from the 830,000 calves born in 1990. The January 1, 1992 inventory value of all cattle

and calves totaled \$1.89 billion. This was down 3 percent from the previous year as lower per head values more than offset the larger inventory.

SHEEP AND LAMBS - The January 1, 1992 inventory of all sheep and lambs remained constant compared with 1991 at 710,000 head. The number of sheep and lambs on feed increased 24 percent from the previous year to 310,000 head. The increase this year moved Colorado back into its long standing rein as the leading sheep and lamb feeding state. California temporarily moved into the number one spot last year with 280,000 head. This year, California dropped back into the number two position with 285,000 head. The number of stock sheep decreased 13 percent to 400,000 head. The 1991 lamb crop of 385,000 head was 9 percent below the 425,000 lambs born in 1990. Wool production for 1991 totaled just over 5.7 million pounds, which compares with just under 5.7 million pounds in 1990. In 1991, wool had an average price of only \$0.52 per pound compared with \$0.71 per pound in 1990. This is the second year that wool prices have taken a marked drop. The price per pound in 1989 was \$1.34. Total value of the 1991 wool crop was placed at just under \$3.0 million, down from \$4.0 million in 1990. The total value of the all sheep and lamb inventory on January 1, 1992, at \$46.8 million, declined 17 percent from a year earlier.

HOGS AND PIGS - The December 1, 1991 inventory of all hogs and pigs, at 410,000 head, was 37 percent higher than last year. The breeding hog inventory was up 7 percent to 45,000 head and the market hog inventory was up 41 percent to 365,000 head. The state's total pig crop for 1991, at 685,000, was 42 percent higher than the 1990 crop of 481,000. The December 1990 - May 1991 pig crop was 56 percent above the previous year and the June - November 1991 pig crop was up 31 percent. The number of sows farrowed in the two time periods was up 52 percent and up 35 percent, respectively. The inventory value of all hogs and pigs was placed at \$30.8 million, 10 percent higher than a year earlier.

CHICKENS AND EGGS - The December 1, 1991 inventory of all chickens increased 6 percent from a year earlier to 4,640,000, exceeded only by the 4,821,000 and 5,254,000 on hand December 1, 1943 and 1944, respectively. During the period from December 1, 1990 through November 30, 1991, the state's laying flocks produced 873 million eggs, up 11 percent from the comparable period a year earlier to a new record high. The total value of all chickens was \$8.82 million, 12 percent above a year earlier as a result of the larger inventory and a higher inventory value per bird. The average value per bird during 1991 was \$1.90 compared with \$1.80 during 1990.

Livestock: Inventory by class, Colorado, January 1, 1985-92

Class	1985	1986	1987	1988	1989	1990	1991	1992
	Thousands							
All cattle and calves	3,000	2,850	2,600	2,800	2,850	2,900	2,750	2,950
All cows & heifers that have calved	900	855	830	885	880	850	850	900
Beef cows & heifers	825	773	752	812	805	774	773	823
Milk cows & heifers	75	82	78	73	75	76	77	77
Heifers 500 lbs & over	850	780	665	800	790	770	760	820
For beef cow replacement	140	100	109	130	145	140	143	150
For milk cow replacement	30	35	26	35	30	30	30	35
Other heifers	680	645	530	635	615	600	587	635
Steers 500 lbs & over	670	740	665	760	820	900	812	930
Bulls 500 lbs & over	60	45	45	45	45	45	48	50
Steers, heifers, & bulls under 500 lbs	520	430	395	310	315	335	280	250
Cattle on feed <u>1/</u>	1,000	935	920	940	885	900	980	930
Calf crop, annual	785	785	800	815	825	830	840	...
All sheep and lambs	675	600	690	755	825	840	710	710
Sheep & lambs on feed	300	240	310	360	380	385	250	310
Stock sheep	375	360	380	395	445	455	460	400
Lambs	55	55	70	64	77	67	84	68
Ewes	45	45	55	53	64	55	71	56
Rams & wethers	10	10	15	11	13	12	13	12
Sheep one year & older	320	305	310	331	368	388	376	332
Ewes	310	295	300	320	355	375	363	320
Rams & wethers	10	10	10	11	13	13	13	12
Lamb crop, annual	350	350	330	360	400	425	385	...
All hogs & pigs <u>2/</u>	210	225	190	205	220	230	300	410
Breeding	20	28	26	34	32	35	42	45
Market	190	197	164	171	188	195	258	365
Under 60 lbs	60	75	57	64	70	70	100	125
60-119 lbs	50	45	47	37	48	50	63	85
120-179 lbs	40	47	34	38	42	40	52	80
180 lbs & over	40	30	26	32	28	35	43	75
Sows farrowed, annual	44	43	41	46	49	58	83	...
December - May	19	24	21	23	24	27	41	...
June - November	25	19	20	23	25	31	42	...
Pig crop, annual	333	331	320	377	394	481	685	...
December - May	143	185	164	185	197	220	343	...
June - November	190	146	156	192	197	261	342	...
All chickens <u>2/</u>	3,175	2,595	2,935	3,470	3,986	3,659	4,372	4,640
Hens & pullets of laying age	2,620	2,335	2,600	2,990	3,175	3,126	3,387	3,736
Hens	1,020	1,150	1,470	1,440	1,570	1,100	2,002	2,360
Pullets	1,600	1,185	1,130	1,550	1,605	2,026	1,385	1,376
Pullets 3 mos. & older not of laying age	240	75	124	234	310	193	297	384
Pullets under 3 mos. old	300	172	200	240	498	297	618	480
Other chickens	15	13	11	6	3	43	70	40

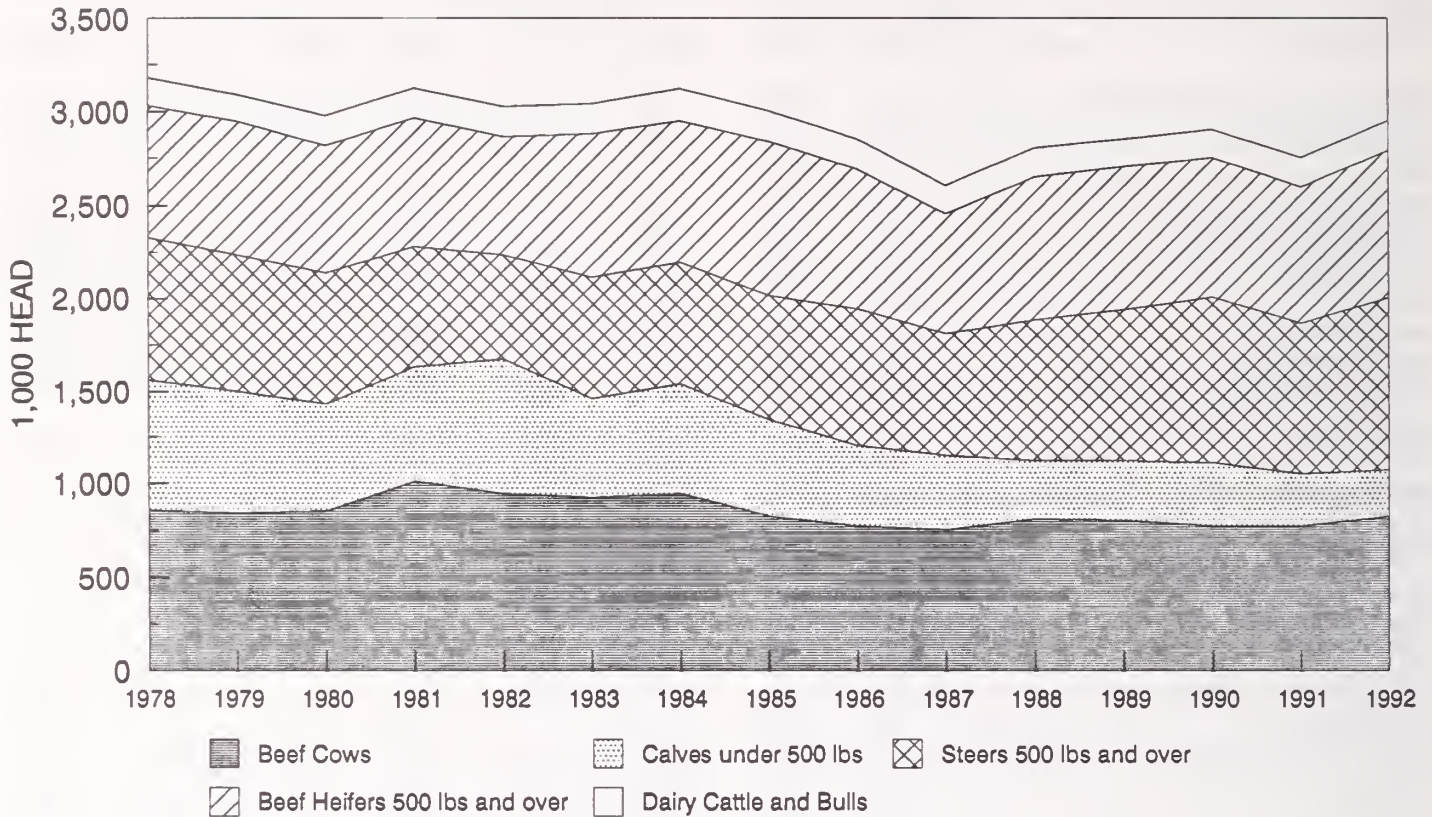
1/ Included in other classes.

2/ December 1 preceding year.

CATTLE and CALVES

Inventory by class, Colorado

January 1, 1978-92



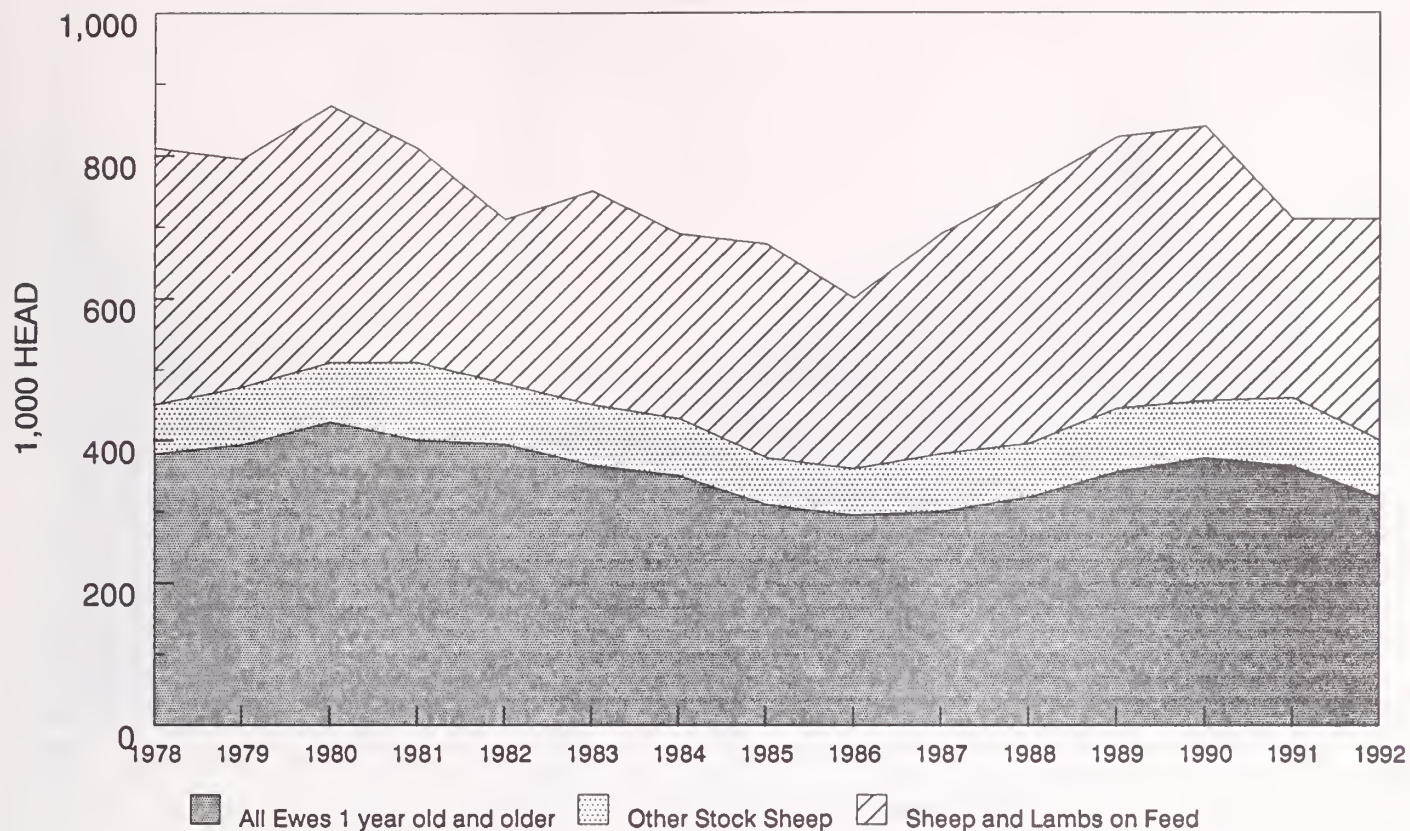
Cattle and Calves: Inventory by class, Colorado, January 1, 1974-92

Year	Total	Cows and heifers that have calved		Heifers 500 lbs. and over			Steers 500 lbs. and over	Bulls 500 lbs. and over	Steers heifers, and bulls under 500 lbs.
		Beef	Milk	Beef cow replace- ments	Milk cow replace- ments	Other			
1,000 Head									
1974	3,744	1,125	76	246	30	401	900	71	895
1975	3,375	1,050	75	294	34	385	651	71	815
1976	3,250	1,040	75	180	40	475	705	60	675
1977	3,030	889	71	136	21	516	712	49	636
1978	3,180	857	72	127	25	579	766	51	703
1979	3,090	843	72	133	28	578	735	46	655
1980	2,975	853	72	180	33	497	711	54	575
1981	3,125	1,009	71	169	31	516	644	60	625
1982	3,025	945	75	233	36	396	560	51	729
1983	3,040	925	75	150	30	610	655	60	535
1984	3,120	946	77	150	31	602	655	66	593
1985	3,000	825	75	140	30	680	670	60	520
1986	2,850	773	82	100	35	645	740	45	430
1987	2,600	752	78	109	26	530	665	45	395
1988	2,800	812	73	130	35	635	760	45	310
1989	2,850	805	75	145	30	615	820	45	315
1990	2,900	774	76	140	30	600	900	45	335
1991	2,750	773	77	143	30	587	812	48	280
1992	2,950	823	77	150	35	635	930	50	250

SHEEP and LAMBS

Inventory by class, Colorado

January 1, 1978-92



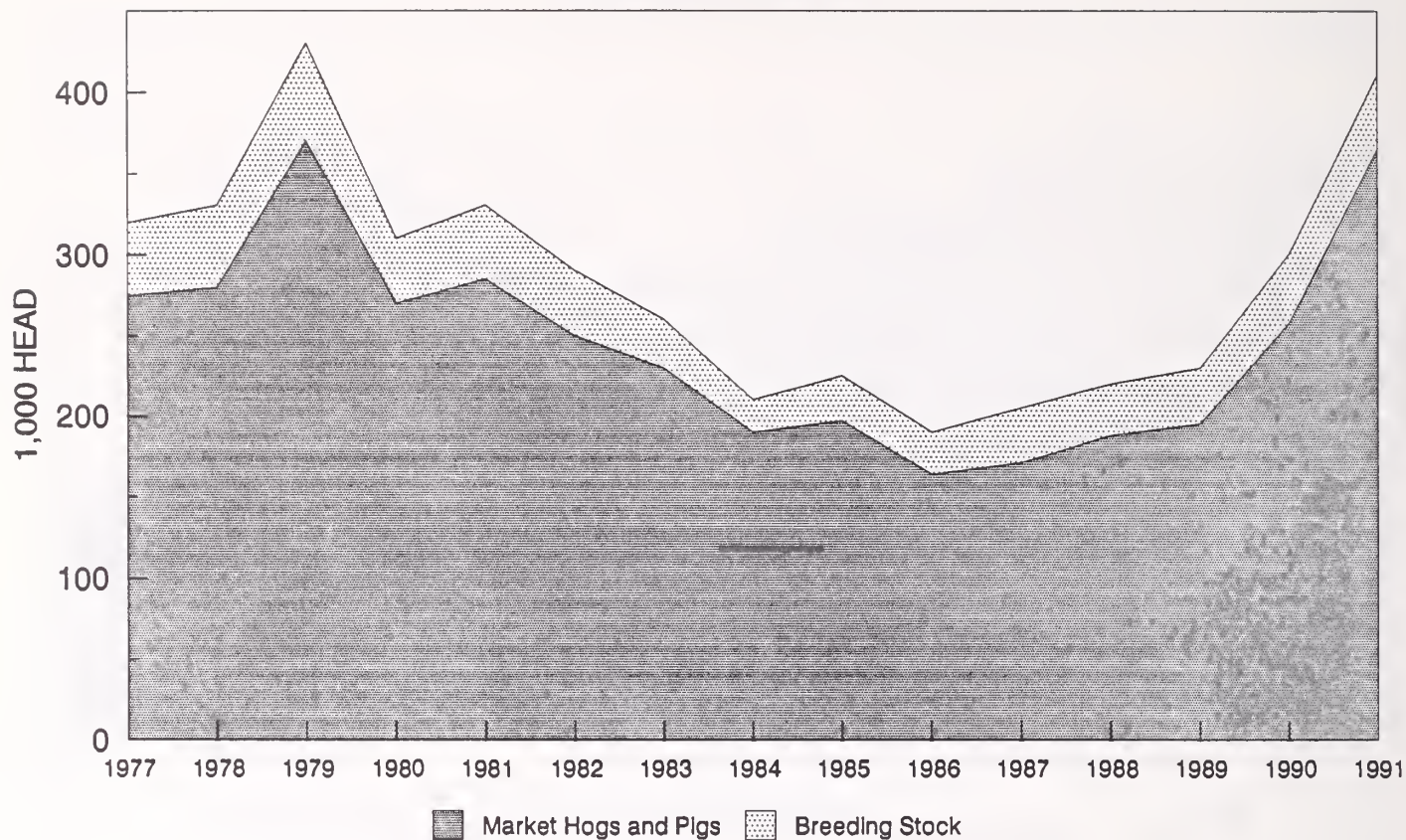
Sheep and Lambs: Inventory by class, Colorado, January 1, 1974-92

Year	All sheep	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		One year and older	
				Ewes	Wethers and rams	Ewes	Wethers and rams
1,000 Head							
1974	1,140	510	630	71	13	531	15
1975	990	440	550	56	10	470	14
1976	920	400	520	47	7	452	14
1977	830	330	500	56	6	426	12
1978	810	360	450	53	6	380	11
1979	795	320	475	64	6	393	12
1980	870	360	510	66	6	425	13
1981	810	300	510	86	11	400	13
1982	710	230	480	58	14	394	14
1983	750	300	450	58	15	365	12
1984	690	260	430	55	15	350	10
1985	675	300	375	45	10	310	10
1986	600	240	360	45	10	295	10
1987	690	310	380	55	15	300	10
1988	755	360	395	53	11	320	11
1989	825	380	445	64	13	355	13
1990	840	385	455	55	12	375	13
1991	710	250	460	71	13	363	13
1992	710	310	400	56	12	320	12

HOGS and PIGS

Inventory by class, Colorado

December 1, 1977-91



Hogs and Pigs: Inventory by class, Colorado, December 1, 1974-91

Year	Total	Breeding	Marketing			
			Under 60 pounds	60-119 pounds	120-179 pounds	180 lbs & over
	1,000 Head					
1974	325	39	102	78	60	46
1975	290	36	89	66	53	46
1976	280	36	95	62	50	37
1977	320	45	115	65	52	43
1978	330	50	116	66	60	38
1979	430	60	130	94	91	55
1980	310	40	100	60	70	40
1981	330	45	95	75	80	35
1982	290	40	95	70	50	35
1983	260	30	75	55	60	40
1984	210	20	60	50	40	40
1985	225	28	75	45	47	30
1986	190	26	57	47	34	26
1987	205	34	64	37	38	32
1988	220	32	70	48	42	28
1989	230	35	70	50	40	35
1990	300	42	100	63	52	43
1991	410	45	125	85	80	75

Hogs: Breeding hogs and pig crop, Colorado, 1981-91

Year	Breeding hogs on farms Dec. 1	Pig Crop					
		December-May			June-November		
		Sows farrowed	Pigs per litter	Pigs saved	Sows farrowed	Pigs per litter	Pigs saved
	1,000 Head	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1981	45	42	7.0	294	32	7.5	240
1982	40	41	7.2	295	29	7.8	226
1983	30	37	7.5	278	28	7.4	207
1984	20	33	8.0	264	19	7.8	148
1985	28	19	7.5	143	25	7.6	190
1986	26	24	7.7	185	19	7.7	146
1987	34	21	7.8	164	20	7.8	156
1988	32	23	8.0	185	23	8.3	192
1989	35	24	8.2	197	25	7.9	197
1990	42	27	8.1	220	31	8.4	261
1991	45	41	8.4	343	42	8.1	342

Sheep: Shipments into Colorado from selected states and Canada, 1985-91

State	1985	1986	1987	1988	1989	1990	1991
	Head						
California	134	2,654	225	6,348	483	146	1,823
Idaho	8,719	8,772	199	116	147	5,376	99
Kansas	35	204	53	92	187	35	51
Montana	61,256	27,805	39,494	63,562	46,877	57,979	93,204
Nebraska	3,916	243	669	1,211	837	4,473	1,643
New Mexico	925	20,655	20,755	10,895	7,562	3,086	14,882
North Dakota	30,035	25,057	31,136	30,936	39,785	31,251	50,754
Oklahoma	28	206	37	28	199	46	39
South Dakota	59,335	53,493	63,169	91,498	59,351	51,642	28,667
Texas	28,343	30,208	22,094	12,605	10,083	9,451	2,618
Utah	6,212	1,995	10,531	12,372	7,978	16,457	6,471
Wyoming	124,253	125,987	90,939	106,132	87,133	75,305	100,350
Other states	3,776	10,305	1,249	1,120	5,393	2,662	2,686
Canada	1,921	711	...	4,794	9,550	14	4,751
Total 1/	328,888	308,295	280,550	341,709	275,565	257,923	308,038

1/ Receipts as tabulated from State Veterinarian Health Certificates, including both direct and terminal market receipts.

Wool: Production and value, Colorado, 1981-91 1/

Year	All sheep shorn	Weight per fleece	Production	Price per pound	Total value
	1,000 Head	Pounds	1,000 Pounds	Dollars	1,000 Dollars
1981	980	7.8	7,656	.89	6,814
1982	1,070	7.5	8,054	.67	5,396
1983	1,060	7.3	7,764	.57	4,425
1984	930	7.2	6,690	.78	5,218
1985	815	6.7	5,487	.62	3,402
1986	810	6.6	5,331	.68	3,625
1987	818	6.8	5,572	.93	5,182
1988	960	6.6	6,330	1.40	8,862
1989	824	7.7	6,344	1.34	8,501
1990	770	7.4	5,698	.71	4,046
1991	769	7.4	5,724	.52	2,976

1/ Includes wool shorn from stock sheep and from sheep and lambs on feed.

Cattle and Calves: Production, disposition and value, Colorado, 1981-91

Year	Calf crop	Inship- ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Cattle	Calves						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1981	900	1,807	2,578	95	4	130	1,466,140	2,705,870	1,690,138	7,279
1982	850	1,960	2,563	95	5	132	1,497,345	2,710,325	1,678,525	9,729
1983	900	1,940	2,493	120	5	142	1,529,990	2,692,110	1,652,447	11,302
1984	875	2,000	2,712	125	8	150	1,624,860	2,934,840	1,858,519	11,844
1985	785	2,015	2,682	127	6	135	1,664,770	2,997,780	1,757,131	13,397
1986	785	2,150	2,937	125	3	120	1,750,930	3,290,360	1,878,955	5,549
1987	800	2,260	2,607	125	3	125	1,682,990	2,889,770	1,912,404	7,735
1988	815	2,300	2,825	115	5	120	1,817,550	3,214,800	2,285,961	8,562
1989	825	2,050	2,595	112	3	115	1,791,340	3,039,880	2,232,584	7,225
1990	830	2,180	2,935	107	3	115	1,905,240	3,371,880	2,653,763	6,805
1991	840	2,000	2,435	87	3	115	1,898,700	2,969,960	2,244,332	5,788

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Sheep and Lambs: Production, disposition and value, Colorado, 1981-91

Year	Lamb crop	Inship- ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Sheep	Lambs						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1981	440	436	101	744	5	126	52,506	94,859	49,169	324
1982	440	548	109	725	3	111	59,594	96,755	46,983	164
1983	410	505	94	788	3	90	60,083	102,772	52,976	167
1984	375	425	134	578	3	100	48,358	80,236	42,988	737
1985	350	340	98	575	2	90	49,439	82,662	49,539	166
1986	350	360	92	446	2	80	49,539	67,839	40,725	165
1987	330	380	34	548	3	60	48,751	70,347	50,451	359
1988	360	345	69	517	4	45	55,244	71,580	44,859	377
1989	400	285	70	538	2	60	55,795	74,162	43,481	268
1990	425	260	91	647	2	75	58,219	90,140	45,176	244
1991	385	310	143	480	2	70	52,853	77,380	35,459	242

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Hogs and Pigs: Production, disposition and value, Colorado, 1981-91

Year	Pig crop (pigs saved)			Inship- ments	Market- ings <u>1/</u>	Farm slaughter	Deaths	Production	Market- ings <u>2/</u>	Cash receipts	Value of home consumption
	Spring	Fall	Total								
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars		
1981	294	240	534	5	465	7	47	111,035	101,490	44,817	2,902
1982	295	226	521	8	534	5	30	113,430	114,980	62,275	2,846
1983	278	207	485	11	498	3	25	109,800	109,143	52,213	1,583
1984	264	148	412	20	454	2	26	94,759	100,239	48,494	1,111
1985	143	190	333	15	311	5	17	71,621	66,309	29,984	2,075
1986	185	146	331	5	343	1	27	73,549	76,803	39,490	354
1987	164	156	320	19	302	2	20	71,795	68,014	36,638	742
1988	185	192	377	10	342	1	29	78,859	78,373	34,973	210
1989	197	197	394	25	387	1	21	88,763	89,118	39,531	425
1990	220	261	481	30	420	1	20	98,168	94,608	52,848	402
1991	343	342	685	20	559	1	35	142,665	130,940	68,241	250

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Livestock slaughter by specie, Colorado, 1986-91 1/

Year	Cattle			Calves		
	Number slaughtered	Total liveweight	Average liveweight	Number slaughtered	Total liveweight	Average liveweight
	Head	1,000 Pounds	Pounds	Head	1,000 Pounds	Pounds
1986	1,919,500	2,130,000	1,110	400	112	257
1987	2,118,500	2,326,018	1,098	200	38	246
1988	2,248,800	2,540,959	1,130	100	17	216
1989	2,182,500	2,541,506	1,165	2/	2/	2/
1990	2,078,600	2,362,876	1,137	100	23	216
1991	2,235,600	2,634,504	1,178	2/	2/	2/

	Sheep and Lambs			Hogs		
	Head	1,000 Pounds	Pounds	Head	1,000 Pounds	Pounds
1986	1,261,200	154,826	123	162,000	37,048	229
1987	1,117,100	136,034	122	249,100	57,845	232
1988	1,279,100	171,273	134	152,500	35,420	232
1989	1,685,000	227,866	135	35,300	8,261	234
1990	1,558,200	219,328	141	34,000	7,798	229
1991	1,559,000	219,110	141	37,900	8,939	236

1/ Excludes farm slaughter.

2/ Less than 50 head.

Livestock slaughter by specie, by month, Colorado, 1986-91 1/

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	1,000 Head											
	Cattle											
1986 ...	144.9	136.8	149.1	150.3	146.4	147.2	177.7	181.9	188.6	179.3	146.0	171.5
1987 ...	203.2	170.2	181.2	165.5	137.7	162.5	190.5	187.4	196.1	185.8	152.2	186.2
1988 ...	198.5	195.0	196.5	178.3	172.5	197.7	199.9	211.5	203.4	178.2	150.1	167.2
1989 ...	177.5	169.2	176.8	166.0	189.9	197.0	191.3	205.5	186.4	187.6	167.9	167.5
1990 ...	193.3	175.1	188.7	162.1	195.1	192.2	186.7	193.2	164.4	174.5	129.2	124.0
1991 ...	167.2	163.0	162.0	174.3	202.6	208.5	216.4	210.5	188.2	200.6	165.1	177.1
	Calves											
1986 ...	2/	2/	2/	2/	2/	2/	2/	.1	.1	2/	2/	2/
1987 ...	.1	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1988 ...	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1989 ...	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1990 ...	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1991 ...	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
	Sheep and Lambs											
1986 ...	116.0	100.0	103.9	90.2	96.0	95.2	96.9	85.3	122.5	132.6	105.3	117.3
1987 ...	100.3	86.1	96.2	101.5	69.6	77.8	76.0	80.5	111.4	102.9	101.0	114.1
1988 ...	97.9	97.2	134.9	97.4	98.3	103.0	83.3	97.1	109.0	107.2	108.3	145.4
1989 ...	129.4	126.5	155.0	128.8	152.8	135.0	121.7	128.3	141.3	156.8	157.7	151.7
1990 ...	153.7	119.9	146.8	143.8	152.4	121.3	112.6	114.6	115.3	130.9	124.3	122.6
1991 ...	141.5	124.8	140.4	120.1	127.3	111.0	132.3	125.2	130.3	141.7	126.1	138.1
	Hogs											
1986 ...	12.3	10.4	11.3	14.1	14.8	14.0	13.3	13.9	15.1	14.8	13.5	14.5
1987 ...	12.5	13.1	12.9	14.3	13.9	17.2	17.1	18.3	24.9	30.7	36.6	37.6
1988 ...	34.3	30.8	25.2	20.9	19.8	3.8	2.2	3.7	3.0	2.9	2.9	3.0
1989 ...	3.0	2.0	2.9	2.6	2.8	2.8	3.2	4.4	3.2	3.0	2.8	2.7
1990 ...	2.9	2.4	2.5	2.3	2.5	2.4	2.8	4.2	3.2	3.3	2.9	2.7
1991 ...	2.7	2.5	2.7	2.7	2.6	2.5	3.0	4.7	3.7	3.5	3.4	3.9

1/ Excludes farm slaughter.

2/ Less than 50 head.

Stocker and Feeder Cattle: Shipments into Colorado from other states and countries, 1984-91 1/

State	1984	1985	1986	1987	1988	1989	1990	1991
Head								
Alabama	16,769	15,396	23,656	21,369	18,824	14,786	19,588	14,475
Arizona	29,828	37,582	49,618	27,436	32,200	20,790	38,251	32,921
Arkansas	25,318	19,594	17,831	28,840	38,378	27,145	24,587	23,943
California	79,269	96,650	115,007	100,201	79,507	63,733	90,417	82,496
Idaho	115,088	131,227	110,261	64,033	57,345	65,795	53,787	57,747
Iowa	16,048	22,321	20,967	6,451	10,046	9,522	11,545	8,985
Kansas	212,206	131,523	137,491	197,790	234,341	260,064	259,709	265,670
Kentucky	33,215	22,591	32,301	40,415	42,598	41,363	66,109	46,669
Mississippi	20,831	24,958	13,445	22,985	19,374	28,591	32,033	37,524
Missouri	43,420	35,615	34,872	42,864	44,110	35,429	35,819	20,759
Montana	168,803	205,666	124,006	117,672	132,235	93,408	111,342	101,223
Nebraska	118,430	135,864	142,641	159,155	183,821	177,848	161,561	112,165
Nevada	36,731	62,721	37,382	46,408	33,544	51,276	29,998	41,724
New Mexico	69,225	66,078	92,373	110,656	92,925	61,061	62,699	119,190
North Dakota	48,022	38,150	51,386	43,985	53,876	32,696	28,454	14,847
Oklahoma	223,873	131,118	212,842	240,763	263,813	258,114	276,161	259,145
Oregon	23,332	21,993	60,805	23,261	18,315	32,306	26,282	22,010
South Dakota	83,555	86,568	53,509	44,476	66,645	44,433	49,091	39,484
Tennessee	15,847	27,322	39,363	46,636	16,667	2,616	9,758	7,987
Texas	250,589	206,094	307,701	421,744	409,965	315,805	345,056	292,432
Utah	99,763	107,354	108,510	106,099	99,569	109,869	96,647	83,159
Washington	1,839	7,052	9,286	4,891	2,609	2,263	1,159	1,547
Wyoming	315,576	336,463	287,023	292,422	318,789	240,068	233,215	220,946
Other states	17,820	10,930	12,396	15,828	12,108	20,021	39,377	24,599
Canada	1,378	15,289	17,673	133	971	15,640	34,915	34,983
Mexico	2,274	6,226	13,447	11,335	3,211	8,894	21,782	11,864
Total	2,069,049	2,002,345	2,125,792	2,237,848	2,285,796	2,033,536	2,159,342	1,978,494

1/ Receipts as tabulated from State Veterinarian Health Certificates; includes both direct and terminal market receipts but excludes any cattle going to slaughter market or plants.

Feedlots: Number by size of feedlot, Colorado, 1981-91

Feedlot capacity	Number of lots										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Number											
Under 1,000 head	200	254	135	179	154	130	140	133	130	119	119
1,000-1,999	75	67	70	62	57	55	50	51	49	54	60
2,000-3,999	61	62	65	55	59	55	55	48	54	50	49
4,000-7,999	20	27	31	25	23	24	30	29	29	27	32
8,000-15,999	22	21	27	23	20	18	16	16	14	18	19
16,000-31,999	15	14	13	10	11	12	11	9	10	9	9
32,000 and over	7	5	9	6	6	6	8	9	9	8	7
Total all feedlots	400	450	350	360	330	300	310	295	295	285	295

Fed Cattle Marketings: Number marketed by size of feedlot, Colorado, 1981-91

Feedlot capacity	Marketed for slaughter										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
1,000 Head											
Under 1,000 head	112	144	135	110	85	70	45	45	35	40	40
1,000-1,999	93	123	112	88	105	115	90	95	75	70	70
2,000-3,999	214	246	247	241	230	225	200	185	205	180	130
4,000-7,999	167	246	247	220	230	295	265	265	250	250	240
8,000-15,999	223	246	292	373	295	270	310	260	210	290	360
16,000-31,999	380	348	382	417	340	415	445	325	425	325	290
32,000 and over	726	687	850	761	825	900	895	1,210	1,100	1,030	1,040
Total all feedlots	1,915	2,040	2,265	2,210	2,110	2,290	2,250	2,385	2,300	2,185	2,170

Cattle and Calves: Number on feed, placements, marketings and other disappearance, by month, Colorado, 1982-92 1/

Month	Year										
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
	1,000 Head										
January											
Number on feed, January 1	750	1,020	980	1,000	935	920	940	885	900	980	930
Placed on feed during January	178	185	150	155	160	170	170	180	210	160	160
Marketed during January	175	200	190	240	220	270	240	230	220	215	195
Other disappearance during January . . .	23	20	10	15	10	10	5	10	10	10	10
February											
Number on feed, February 1	730	985	930	900	865	810	865	825	880	915	885
Placed on feed during February	179	173	170	160	170	175	185	230	170	180	210
Marketed during February	180	225	235	200	210	200	245	225	210	190	205
Other disappearance during February . . .	14	18	15	10	10	10	15	15	10	10	10
March											
Number on feed, March 1	715	915	850	850	815	775	790	815	830	895	880
Placed on feed during March	260	198	230	170	215	195	250	315	250	230	230
Marketed during March	190	220	200	175	220	195	210	205	175	180	190
Other disappearance during March	15	33	20	15	10	10	15	10	5	15	10
April											
Number on feed, April 1	770	860	860	830	800	765	815	915	900	930	910
Placed on feed during April	206	240	175	180	170	210	185	190	155	175	175
Marketed during April	155	170	190	175	200	165	170	165	160	180	190
Other disappearance during April	11	30	25	10	10	10	10	15	10	10	15
May											
Number on feed, May 1	810	900	820	825	760	800	820	925	885	915	880
Placed on feed during May	180	190	220	180	165	220	275	185	150	190	...
Marketed during May	135	180	185	175	170	135	180	180	170	170	...
Other disappearance during May	35	30	35	15	15	15	15	15	10	10	...
June											
Number on feed, June 1	820	880	820	815	740	870	900	915	855	925	...
Placed on feed during June	133	190	125	105	105	95	120	110	110	115	...
Marketed during June	175	180	150	150	180	190	190	180	185	170	...
Other disappearance during June	18	10	15	10	5	15	5	10	10	10	...
July											
Number on feed, July 1	760	880	780	760	660	760	825	835	770	860	...
Placed on feed during July	150	85	133	105	155	100	95	100	120	125	...
Marketed during July	165	165	175	180	210	210	210	200	210	180	...
Other disappearance during July	5	10	8	5	5	10	5	5	5	5	...
August											
Number on feed, August 1	740	790	730	680	600	640	705	730	675	800	...
Placed on feed during August	199	150	180	130	175	200	190	165	200	135	...
Marketed during August	200	190	205	185	200	210	230	235	195	195	...
Other disappearance during August	4	15	5	10	5	5	5	5	5	10	...
September											
Number on feed, September 1	735	735	700	615	570	625	660	655	675	730	...
Placed on feed during September	292	283	310	300	336	405	355	280	305	240	...
Marketed during September	190	200	175	170	190	195	215	180	185	190	...
Other disappearance during September . .	7	3	10	5	1	5	5	5	5	10	...
October											
Number on feed, October 1	830	815	825	740	715	830	795	750	790	770	...
Placed on feed during October	345	348	350	400	380	335	280	345	350	330	...
Marketed during October	170	180	190	170	150	175	165	190	180	185	...
Other disappearance during October	5	3	10	10	10	10	10	5	10	10	...
November											
Number on feed, November 1	1,000	980	975	960	935	980	900	900	950	905	...
Placed on feed during November	189	195	220	170	185	165	210	220	225	195	...
Marketed during November	140	180	160	150	150	135	140	150	150	165	...
Other disappearance during November . .	9	15	15	10	10	15	15	10	15	10	...
December											
Number on feed, December 1	1,040	980	1,020	970	960	995	955	960	1,010	925	...
Placed on feed during December	160	185	150	115	160	125	140	110	125	160	...
Marketed during December	165	175	155	140	190	170	190	160	145	150	...
Other disappearance during December . .	15	10	15	10	10	10	20	10	10	5	...

1/ Includes death losses, movement from feedlots to pastures, and shipments to other feedlots for further feeding.

Cattle: Number on feed by class, by quarter, Colorado, 1986-92

Year/Month		Number on feed	Classes of cattle on feed			Placements during past 3 months	Marketings during past 3 months	Other dis- appearance during past 3 months
			Steers and steer calves	Heifers and heifer calves	Cows and others			
Thousand Head								
1986	January 1	935	460	470	5	685	460	30
	April 1	800	410	375	15	545	650	30
	July 1	660	358	300	2	440	550	30
	October 1	715	384	329	2	666	600	11
1987	January 1	920	480	435	5	725	490	30
	April 1	765	435	325	5	540	665	30
	July 1	760	410	347	3	525	490	40
	October 1	830	434	395	1	705	615	20
1988	January 1	940	500	435	5	625	480	35
	April 1	815	460	352	3	605	695	35
	July 1	825	460	362	3	580	540	30
	October 1	795	424	370	1	640	655	15
1989	January 1	885	458	420	7	630	495	45
	April 1	915	537	374	4	725	660	35
	July 1	835	420	409	6	485	525	40
	October 1	750	377	371	2	545	615	15
1990	January 1	900	526	370	4	675	500	25
	April 1	900	544	355	1	630	605	25
	July 1	770	426	341	3	415	515	30
	October 1	790	442	347	1	625	590	15
1991	January 1	980	575	400	5	700	475	35
	April 1	930	590	335	5	570	585	35
	July 1	860	495	360	5	480	520	30
	October 1	770	468	299	3	500	565	25
1992	January 1	930	551	361	18	685	500	25
	April 1	910	560	335	15	600	590	30

Steers and Heifers: Number on feed by weight group, by quarter, Colorado, 1986-92

Year/Month	Steers					Heifers				
	Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900- 1099 lbs.	1100 lbs. and over	Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900 lbs. and over	
Thousand Head										
1986 January 1	7	58	87	243	65	11	56	180	223	
April 1	7	47	157	126	73	4	79	157	135	
July 1	1	24	87	205	41	1	51	130	118	
October 1	6	33	185	130	30	5	52	197	75	
1987 January 1	7	73	123	214	63	10	67	180	178	
April 1	2	66	200	129	38	4	87	150	84	
July 1	2	25	140	222	21	4	57	188	98	
October 1	6	48	205	120	55	10	87	221	77	
1988 January 1	7	81	116	208	88	8	84	153	190	
April 1	9	40	233	147	31	15	65	172	100	
July 1	3	26	112	255	64	5	28	175	154	
October 1	10	27	184	150	53	1	71	176	122	
1989 January 1	4	58	103	184	109	4	43	124	249	
April 1	8	53	252	159	65	3	74	189	108	
July 1	1	32	91	227	69	2	42	154	211	
October 1	4	31	115	160	67	2	34	216	119	
1990 January 1	2	90	162	156	116	3	76	108	183	
April 1	4	46	254	207	33	2	79	204	70	
July 1	10	34	139	180	63	3	36	151	151	
October 1	5	63	147	170	57	4	51	170	122	
1991 January 1	13	105	132	192	133	7	95	119	179	
April 1	6	59	242	219	64	4	50	200	81	
July 1	2	35	115	209	134	1	25	146	188	
October 1	1	45	134	178	110	2	32	121	144	
1992 January 1	11	89	190	183	78	9	63	153	136	
April 1	10	55	320	130	45	2	53	220	60	

Milk cows and milk production by month/quarter, Colorado, 1983-91 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual total
Average number of milk cows													
Thousand													
1983 .	75	75	75	75	75	76	76	76	76	76	76	77	76
1984 .	75	75	74	74	74	75	75	75	75	75	75	75	75
1985 .	75	75	75	76	77	78	78	78	79	80	81	82	78
1986 .	...	...	81	...	...	81	...	...	80	...	...	79	80
1987 .	...	...	78	...	...	77	...	...	76	...	...	75	77
1988 .	...	...	74	...	...	74	...	...	74	...	...	75	74
1989 .	...	...	75	...	...	75	...	...	76	...	...	77	76
1990 .	...	...	77	...	...	77	...	...	77	...	...	77	77
1991 .	...	...	77	...	...	78	...	...	77	...	...	77	77
Milk production per cow 2/													
Pounds													
1983 .	1,080	1,000	1,120	1,080	1,150	1,105	1,135	1,120	1,065	1,090	1,055	1,050	12,987
1984 .	1,025	965	1,050	1,055	1,110	1,100	1,150	1,135	1,050	1,070	1,030	1,055	12,747
1985 .	1,090	1,000	1,150	1,175	1,240	1,225	1,295	1,260	1,200	1,210	1,160	1,180	14,167
1986 .	1,210	1,110	1,250	...	...	3,810	...	...	3,810	...	...	3,650	14,850
1987 .	...	...	3,730	...	...	4,050	...	...	4,120	...	...	4,055	15,481
1988 .	...	...	3,970	...	...	4,190	...	...	4,270	...	...	4,090	16,581
1989 .	...	...	4,040	...	...	4,360	...	...	4,300	...	...	4,155	16,803
1990 .	...	...	4,180	...	...	4,360	...	...	4,350	...	...	4,285	17,182
1991 .	...	...	4,220	...	...	4,425	...	...	4,325	...	...	4,310	17,338
Milk production 2/													
Million Pounds													
1983 .	81	75	84	81	86	84	86	85	81	83	80	81	987
1984 .	77	72	78	78	82	83	86	85	79	80	77	79	956
1985 .	82	75	86	89	95	96	101	98	95	97	94	97	1,105
1986 .	...	...	289	...	...	309	...	...	305	...	...	285	1,188
1987 .	...	...	287	...	...	304	...	...	305	...	...	296	1,192
1988 .	...	...	294	...	...	310	...	...	316	...	...	307	1,227
1989 .	...	...	303	...	...	327	...	...	327	...	...	320	1,277
1990 .	...	...	322	...	...	336	...	...	335	...	...	330	1,323
1991 .	...	...	325	...	...	345	...	...	333	...	...	332	1,335

1/ Quarterly estimates are as follows: Jan.-March; April-June; July-Sept.; Oct.-Dec. Milk cows are the average for the quarter; milk production is total for the quarter; production per cow for the quarter is derived by dividing total production by average number of cows for the quarter.

2/ Excludes milk sucked by calves.

Milk cows, milk, and milkfat production, Colorado, 1983-91

Year	Number of milk cows on farms 1/	Production per milk cow 2/		Percentage of milkfat in milk	Total production on farms	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million Pounds	
1983	76	12,987	464	3.57	987	35
1984	75	12,747	461	3.62	956	35
1985	78	14,167	517	3.65	1,105	40
1986	80	14,850	545	3.67	1,188	44
1987	77	15,481	568	3.67	1,192	44
1988	74	16,581	613	3.70	1,227	45
1989	76	16,803	620	3.69	1,277	47
1990	77	17,182	627	3.65	1,323	48
1991	77	17,338	635	3.66	1,335	49

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Milk disposition and cash receipts, Colorado, 1981-91

Year	Milk used on farms where produced			Milk and cream sold to plants and dealers		
	Fed to calves	Used in the farm household for milk, cream and butter	Total	Quantity	Price per 100 lbs.	Cash receipts
	Million Pounds				Dollars	1,000 Dollars
1981	37	12	49	845	14.90	125,905
1982	44	13	57	880	14.80	130,240
1983	43	12	55	902	14.90	134,398
1984	43	10	53	874	14.80	129,352
1985	42	10	52	1,025	14.00	143,500
1986	43	11	54	1,105	13.50	149,175
1987	39	8	47	1,115	13.40	149,410
1988	34	8	42	1,155	13.20	152,460
1989	39	19	58	1,189	14.70	174,783
1990	44	8	52	1,240	14.50	179,800
1991	50	15	65	1,238	12.70	157,226

Year	Milk sold directly to consumers ^{1/}			Combined marketings of milk and cream				Value of products consumed on farms where produced ^{3/}	Gross farm income from dairy products ^{4/}
	Quantity	Price per quart	Cash receipts	Milk utilized	Average returns ^{2/}		Cash receipts		
	Million Quarts	Cents	1,000 Dollars	Million Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1981	15.8	53.0	8,381	879	15.28	4.30	134,286	1,833	136,120
1982	16.3	52.0	8,465	915	15.16	4.25	138,705	1,971	140,676
1983	14.0	53.0	7,395	932	15.21	4.26	141,793	1,826	143,619
1984	13.5	53.0	7,149	903	15.12	4.18	136,501	1,512	138,012
1985	13.0	52.0	6,772	1,053	14.27	3.91	150,272	1,427	151,699
1986	13.5	50.0	6,744	1,134	13.75	3.75	155,919	1,512	157,432
1987	14.0	56.0	7,814	1,145	13.73	3.74	157,224	1,099	158,322
1988	14.0	59.0	8,233	1,185	13.56	3.67	160,693	1,085	161,777
1989	14.0	62.0	8,651	1,219	15.05	4.08	183,434	2,859	186,293
1990	14.4	60.0	8,651	1,271	14.83	4.06	188,451	1,186	189,637
1991	14.9	60.0	8,930	1,270	13.08	3.57	166,156	1,962	168,119

^{1/} Sales directly to consumers by producers. Also includes milk produced by institutional herds.

^{2/} Cash receipts divided by milk or milkfat represented in combined marketings.

^{3/} Valued at average returns per 100 pounds of milk listed under combined marketings of milk and cream.

^{4/} From marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

Dairy Products: Quantities manufactured, Colorado, 1981-91

Year	Cottage cheese			Frozen products					
	Lowfat	Curd	Creamed	Ice cream		Ice milk		Milk sherbet	
				Mix	Product	Mix	Product	Mix	Product
	1,000 Pounds			1,000 Gallons					
1981	7,051	13,322	14,259	5,008	9,808	3,560	5,448	344	514
1982	6,814	12,605	13,727	5,033	9,996	3,631	5,575	329	497
1983	6,663	12,500	13,902	5,192	10,120	3,668	5,566	330	497
1984	6,907	12,227	12,869	4,883	9,592	3,605	5,407	287	448
1985	6,620	11,069	12,184	4,943	9,763	3,937	5,831	280	425
1986	7,157	11,000	11,146	5,298	10,335	4,103	6,125	219	314
1987	7,735	11,215	10,502	5,430	9,948	3,812	5,672	231	321
1988	9,837	13,151	12,272	5,497	10,287	5,011	8,125	273	401
1989	11,743	13,085	11,232	5,611	10,643	4,220	6,603	318	430
1990	9,204	12,705	12,978	5,384	10,781	4,225	6,892	278	389
1991	8,972	12,352	12,166	5,717	11,252	3,940	6,553	267	403

Bees and honey, Colorado, 1961-91 ^{1/}

Year	Number of Colonies	Yield per Colony	Production	Producer Stocks	Avg. Price Per Pound	Value of Production
	1,000	Pounds	1,000	Pounds	Dollars	1,000 Dollars
1961	60	76	4,560	1,687	.171	780
1962	62	78	4,836	1,934	.163	788
1963	58	80	4,640	1,392	.172	798
1964	54	80	4,320	1,814	.172	743
1965	54	68	3,672	1,579	.164	602
1966	53	82	4,346	1,825	.165	717
1967	51	42	2,142	600	.166	356
1968	46	41	1,886	773	.181	341
1969	45	70	3,150	1,292	.188	592
1970	42	68	2,856	942	.170	486
1971	40	55	2,200	330	.224	493
1972	37	71	2,627	578	.315	828
1973	35	54	1,890	529	.445	841
1974	36	81	2,916	904	.552	1,610
1975	39	67	2,613	1,045	.566	1,479
1976	41	61	2,501	450	.485	1,213
1977	41	67	2,747	769	.523	1,437
1978	41	67	2,747	604	.558	1,533
1979	39	67	2,613	523	.606	1,583
1980	45	52	2,340	468	.640	1,498
1981	41	62	2,542	458	.670	1,703
1982	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1983	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1984	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1985	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1986	41	78	3,198	480	.540	1,727
1987	44	73	3,212	96	.680	2,184
1988	48	83	3,984	837	.550	2,191
1989	50	66	3,300	495	.540	1,782
1990	55	64	3,520	845	.660	2,323
1991	50	79	3,950	514	.650	2,568

^{1/} Estimates discontinued 1982; resumed in 1986.

Trout: Operations, sales and value, Colorado, 1989-91

Item	Unit	1989	1990	1991
Number of Operations	Number	33	28	26
Total Sales	1,000 Dollars	1,943	2,167	2,370
Foodsize: ^{1/}				
Number Sold	Thousands	275	368	325
Pounds Sold	Thousands	289	421	425
Value Per Pound	Dollars	2.30	2.39	2.38
Total Value of Sales	1,000 Dollars	666	1,005	1,013
Stockers: ^{2/}				
Number Sold	Thousands	1,056	1,205	1,078
Pounds Sold	Thousands	498	480	533
Value Per Pound	Dollars	2.36	2.09	2.17
Total Value of Sales	1,000 Dollars	1,176	1,004	1,157
Fingerlings: ^{3/}				
Number Sold	Thousands	536	1,009	835
Pounds Sold	Thousands	19	33	35
Value Per Pound	Dollars	5.32	4.79	5.71
Total Value of Sales	1,000 Dollars	101	158	200

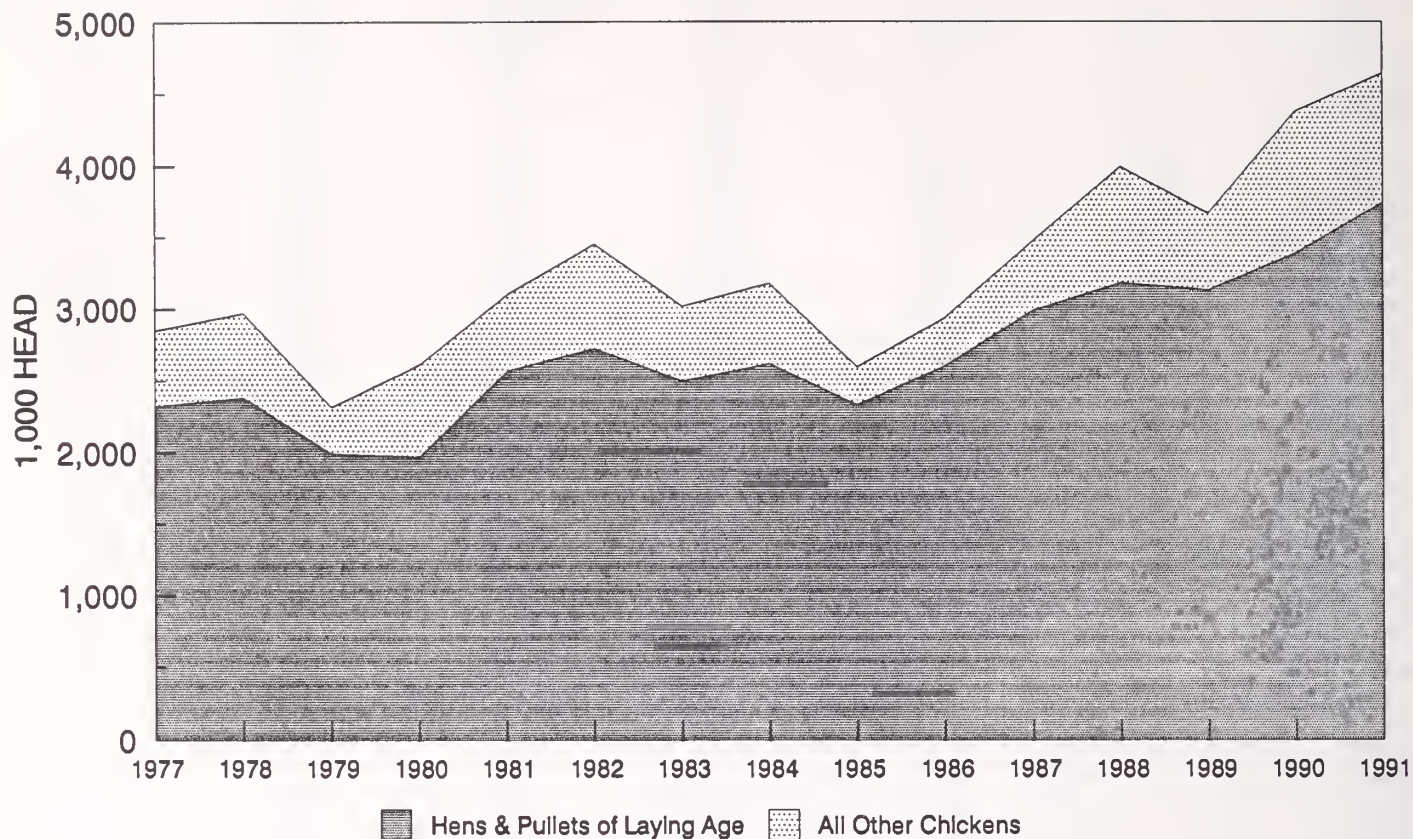
^{1/} Defined as fish being 12 inches or longer.

^{2/} Defined as fish being from 6-12 inches in length.

^{3/} Defined as fish being from 2-6 inches in length.

CHICKENS

Inventory by class, Colorado
December 1, 1977-91



Chickens: Inventory by class and total value, Colorado, December 1, 1976-91

Year	Hens and pullets of laying age			Pullets not of laying age		Other chickens	All chickens		
	Hens	Pullets	Total	3 mo. old or older	Under 3 mo.		Number	Value per head	Total value
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	Dollars	1,000 Dollars
1976	970	1,160	2,130	415	165	15	2,725	1.80	4,905
1977	940	1,380	2,320	155	360	15	2,850	1.60	4,560
1978	1,100	1,280	2,380	240	340	10	2,970	1.60	4,752
1979	812	1,178	1,990	117	194	14	2,315	2.20	5,093
1980	860	1,105	1,965	351	270	24	2,610	1.80	4,698
1981	1,440	1,130	2,570	286	213	31	3,100	2.60	8,060
1982	1,370	1,355	2,725	330	365	30	3,450	1.75	6,038
1983	1,800	700	2,500	210	285	25	3,020	2.05	6,191
1984	1,020	1,600	2,620	240	300	15	3,175	1.85	5,874
1985	1,150	1,185	2,335	75	172	13	2,595	1.75	4,541
1986	1,470	1,130	2,600	124	200	11	2,935	1.35	3,962
1987	1,440	1,550	2,990	234	240	6	3,470	1.45	5,032
1988	1,570	1,605	3,175	310	498	3	3,986	1.60	6,378
1989	1,100	2,026	3,126	193	297	43	3,659	2.25	8,233
1990	2,002	1,385	3,387	297	618	70	4,372	1.80	7,870
1991	2,360	1,376	3,736	384	480	40	4,640	1.90	8,816

Chickens: Number lost, number sold and value of sales, Colorado, 1984-91

Year	Number lost	Number sold	Pounds	Price per lb.	Value
	1,000 Head	1,000 Head	1,000 Pounds	Cents	1,000 Dollars
1984	280	2,415	8,694	15.0	1,304
1985	280	1,925	6,738	11.0	741
1986	274	1,000	4,500	11.0	495
1987	235	1,690	7,943	12.0	953
1988	250	1,840	7,912	13.0	1,029
1989	325	2,040	11,424	16.0	1,828
1990	390	2,080	9,360	12.0	1,123
1991	420	2,270	9,988	11.0	1,099

Layers and egg production, Colorado, 1984-91

Year	Average number of layers				Number of eggs produced			
	Dec. 1/ Feb.	March - May	June - Aug.	Sept. - Nov.	Dec. 1/ Feb.	March - May	June - Aug.	Sept. - Nov.
	Thousands				Millions			
1984	2,601	2,720	2,770	2,711	151	160	164	162
1985	2,532	2,440	2,303	2,268	147	140	140	141
1986	2,393	2,399	2,410	2,530	138	143	147	147
1987	2,545	2,625	2,795	2,910	146	154	163	178
1988	2,999	3,018	3,045	3,103	195	200	198	191
1989	3,237	3,294	3,255	3,173	199	213	210	202
1990	3,110	3,135	3,110	3,215	196	198	194	200
1991	3,328	3,449	3,531	3,585	205	218	226	224

1/ December of preceding year.

Eggs: Production and income, Colorado, 1984-91

Year	Average number of layers	Eggs per layer	Total produced	Price per dozen	Gross income
	Thousands	Number	Millions	Cents	1,000 Dollars
1984	2,701	236	637	75.0	39,812
1985	2,385	238	568	60.0	28,400
1986	2,439	236	575	66.0	31,625
1987	2,719	236	641	58.0	30,982
1988	3,056	257	784	55.0	35,933
1989	3,239	254	824	76.0	52,187
1990	3,142	250	788	77.8	51,089
1991	3,473	251	873	73.0	53,108

Pasture and range feed condition by month, Colorado, 1967-1991

Year	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	Percent ^{1/}								
1967	70	68	75	91	93	87	88	84	80
1968	80	76	75	73	70	81	71	75	77
1969	74	78	85	91	88	81	84	86	81
1970	85	84	83	86	86	81	81	83	80
1971	79	83	84	77	76	70	72	75	79
1972	72	69	70	74	67	68	69	73	72
1973	80	82	91	86	87	82	84	85	83
1974	84	83	64	63	58	57	54	57	59
1975	61	65	63	78	77	74	69	65	66
1976	64	66	71	66	69	65	66	68	68
1977	54	67	69	62	61	72	65	65	64
1978	68	60	79	79	69	61	58	57	60
1979	76	76	86	90	86	88	83	82	81
1980	86	88	91	85	74	73	72	72	73
1981	68	73	76	71	76	83	81	80	78
1982	72	62	73	85	82	89	89	86	<u>2/</u>
1983	86	85	90	96	93	87	82	82	<u>2/</u>
1984	78	81	83	86	79	84	77	82	<u>2/</u>
1985	81	83	92	80	78	83	84	85	<u>2/</u>
1986	<u>2/</u>	77	68	77	74	72	76	78	<u>2/</u>
1987	<u>2/</u>	86	97	94	83	77	81	81	<u>2/</u>
1988	<u>2/</u>	86	80	78	72	68	71	72	<u>2/</u>
1989	<u>2/</u>	50	48	68	55	71	71	71	<u>2/</u>
1990	<u>2/</u>	75	74	66	72	77	75	76	<u>2/</u>
1991	<u>2/</u>	73	79	82	83	89	88	75	<u>2/</u>

^{1/} 80+, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; under 35, extreme drought.

2/ Discontinued.

Livestock: Number on farms and inventory value, Colorado, January 1, 1976-92

Year	All Cattle and Calves			Hogs and Pigs ^{1/}			All Sheep and Lambs		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	1,000		1,000	1,000		1,000	1,000		1,000
	Head	Dollars	Dollars	Head	Dollars	Dollars	Head	Dollars	Dollars
1976	3,250	200.00	650,000	290	68.50	19,865	920	46.00	42,320
1977	3,030	210.00	636,300	280	44.50	12,460	830	52.00	43,160
1978	3,180	235.00	747,300	320	56.00	17,920	810	59.00	47,790
1979	3,090	415.00	1,282,350	330	72.50	23,925	795	79.00	62,805
1980	2,975	510.00	1,517,250	430	55.00	23,650	870	85.50	74,385
1981	3,125	485.00	1,515,625	310	72.00	22,320	810	78.50	63,585
1982	3,025	405.00	1,225,125	330	69.00	22,770	710	63.00	44,730
1983	3,040	410.00	1,246,400	290	88.00	25,520	750	53.50	40,125
1984	3,120	420.00	1,310,400	260	71.50	18,590	690	49.50	34,155
1985	3,000	445.00	1,335,000	210	83.00	17,430	675	59.50	40,163
1986	2,850	435.00	1,239,750	225	79.00	17,775	600	69.50	41,700
1987	2,600	430.00	1,118,000	190	92.00	17,480	690	77.50	53,475
1988	2,800	565.00	1,582,000	205	85.00	17,425	755	99.50	75,123
1989	2,850	600.00	1,710,000	220	74.50	16,390	825	90.00	74,250
1990	2,900	615.00	1,783,500	230	86.50	19,895	840	84.00	70,560
1991	2,750	710.00	1,952,500	300	93.00	27,900	710	80.00	56,800
1992	2,950	640.00	1,888,000	410	75.00	30,750	710	66.00	46,860

^{1/} December 1 preceding year.

ANNUAL REPORT

COLORADO DEPARTMENT

OF

AGRICULTURE

FISCAL YEAR 1991-1992



The Honorable Roy Romer, Governor

Dr. Steven W. Horn, Commissioner

ANNUAL REPORT

COLORADO DEPARTMENT OF AGRICULTURE

Fiscal Year 1991-1992

Introduction

The Colorado Department of Agriculture was created as a department of state government in 1949, with historical roots dating back to before the turn of the century. Currently, the department employs about 250 individuals around the state performing a multitude of services to the crop and livestock industry as well as providing numerous services for Colorado consumers.

Organization

The Colorado Agricultural Commission, a body of nine persons appointed by the Governor, serves to advise, counsel and direct the Commissioner of Agriculture, also appointed by the Governor. The commission is comprised of individuals of both political parties and represents a cross section of the state's agricultural community.

The department is organized into five divisions, Animal Industry, Plant Industry, Stock Inspection, Markets, and Inspection and Consumer Services. These five divisions provide regulatory, inspection, and marketing assistance to Colorado's agricultural industry and provide valuable consumer protection services to the state's citizens.

Office of the Commissioner

Dr. Steven W. Horn,

Commissioner of Agriculture

Robert G. McLavey, Deputy Commissioner

Ongoing activities in the Commissioner's Office include the activities of the Resource Analysis Section, Public Information, Personnel, Administrative Services, and the Agricultural Commission.

The Administrative Services section has completed conversion to the base Colorado Financial Reporting System. The enhanced purchasing module and the cost accounting and allocation module were rescheduled for department availability in 1993. Progress has been made in information systems training for department personnel.

The section has prioritized the automated data processing resources and has begun implementation of the department's Strategic Information Management Plan by establishing Division networks, which will become the basis for a department-wide network.

The department has completed the initial conversion to the state's new employment selection procedures. The program, New Directions in Selections, will reduce the time necessary to fill a vacant position and will eliminate the staff time previously necessary to screen applicants.

Colorado Agricultural Commission

The Colorado Agricultural Commission conducted six meetings in fiscal year 1991-92. Mr. William Warren served as Chairman and Mr. James Parker, Vice Chairman.

The commission dealt with a wide variety of issues under the jurisdiction of the board. The rise in popularity of elk farming in the state required the board to approve wildlife ranching regulations in conjunction with the Colorado Wildlife Commission. In addition, regulation of tuberculosis in domesticated game herds required other regulatory action.

The commission met twice outside the metropolitan Denver area. In July of 1991, the commission met in Sterling, hosted by Commission Member Naioma Benson. In May, 1992, the commission met in Palisade to mark the dedication of the state's new insectary facility and to tour Western Slope agricultural operations hosted by Commission Members Tom Alvey and Jim Parker.

Resource Analysis

The two-person Resource Analysis Section collects, analyzes, and presents information that bears on policies, programs, and activities affecting Colorado agriculture.

During 1991-92, the section prepared a detailed request for proposal and contract to establish a central filing system for agricultural liens in Colorado; prepared an analysis of grazing fees on state lands; prepared the analysis of the Department's computer hardware and software needs; assisted in the planning and implementation of the first Governor's Agricultural Outlook Forum; worked with the Division of Inspection and Consumer Services to develop a "report card" to

promote improved quality in the retailing of eggs; and assisted the Division of Animal Industry in developing a memorandum of agreement among nine state and federal agencies on prairie dog management.

Section staff also have assisted in establishing the Colorado-Russia Agricultural Group, a public-private partnership to promote agribusiness opportunities with the former Soviet Union (FSU). The section chief has also developed a national project called "Partners in Agricultural Development" to channel technical assistance and business opportunities with the FSU by pairing states in the U.S. with interested regions in the FSU.

Division of Markets

Jim Rubingh, Division Director

The Markets Division is responsible for developing new marketing opportunities for Colorado producers and processors as well as retaining existing markets for the full array of Colorado products. The division also develops promotional programs and materials, assists in expanding the state's food and agriculture processing industry, administers the Seal of Quality Program, and collects livestock and produce market news from around the state. The division provides staff assistance to the Colorado Agricultural Development Authority.

Marketing Orders Program

Marketing orders are producer-funded programs which collect funds from the point of first sale of certain farm commodities. The funds are used to promote greater utilization and increased profitability from the sale of those commodities through specialized research on production

techniques and problems of that commodity, market development activities, and promotional programs. In some cases, marketing orders provide for commodity inspection and grading in order to assure that only high-quality commodities reach the marketplace. Marketing orders generally work to solve marketing problems and conduct programs that would be impossible for individual producers to accomplish.

Colorado has marketing orders for eight commodities produced in the state covering apples, corn for grain, potatoes, dry edible beans, sweet corn, broccoli, milk, and wheat.

The department's responsibilities involve establishing, enforcing, and overseeing the administration of the marketing orders. In addition, the program serves to enforce the marketing order rules and regulations by conducting investigations, holding hearings, and reviewing audits of the orders.

The agency reviewed budgets for the eight marketing orders and approved expenditures totaling over \$2.7 million. In addition, the agency assisted onion growers and greenhouse operators interested in forming a marketing order for their respective commodities.

International Marketing

The goal in the international marketing program is to increase the export sales of Colorado grown and processed agricultural products. The section disseminates trade leads compiled by American embassies around the globe via computer links. The program also utilizes U.S. Department of Agriculture grants to coordinate trade development activities with offices or trade consultants in Japan, France, and Germany. The office also provides access to other USDA trade development programs

in over 15 world markets through participation in the Western U.S. Agricultural Trade Association. The section has developed an extensive library on marketing data by country.

The Markets Division also provides individual trade development assistance with individual counseling, assistance in obtaining branded trade promotion grants for overseas marketing, and assistance with Colorado's Agricultural International Trade Promotion Program which provides financial assistance for travel to international markets.

Activities in 1991-92 included participation in international food shows in Germany, Japan, and the U.S. A new data base is also now available to assist companies in pinpointing their best international market opportunities. The division also assisted in hosting the International Hospitality Room at the National Western Stock Show.

Numerous buying missions have traveled to Colorado to meet with their respective industry groups. Two directories were published covering the state's processed food industry and the livestock breed industry.

Direct and Domestic Marketing

Programs in direct and domestic marketing are conducted to increase the sales of Colorado agricultural products both in state and throughout the U.S. Activities include the development and distribution of marketing directories, such as the **Hay Directory**, **Farm Fresh Directory**, and the **Fresh and Processed Food Trade Directory**.

The division sponsored promotional activities including weekly television promotional features on various Colorado food products and the annual Governor's Award, a program designed to encourage Colorado restaurants to serve Colorado

food products. In conjunction with the Colorado State Fair, the division also co-sponsored the Seal of Excellence competition, and recognition of the state's 100-year old farms called the Centennial Farm program.

The department has established a food safety task force to provide information to the industry and the general public on food safety issues. Programs include an industry newsletter, a resource list for the media, and monitoring legislation for potential impacts on the agricultural industry. A separate task force named by Governor Romer developed a state response plan for any future food safety crises. This task force was staffed by the department with assistance from Colorado State University and the Colorado Department of Health. The division also co-chaired the 20th Annual Rocky Mountain Food Safety Conference.

In 1991, the division also took over the responsibility of licensing all aquacultural facilities and serves as the lead agency for aquaculture development in the state.

Food Processing

To assist in increasing food processing in the state, the Markets Division administers the Agricultural Processing Feasibility Grants Program to assist local governments and entrepreneurs in evaluating the potential for developing or expanding agricultural processing facilities. The program is funded by the Colorado Economic Development Commission.

Assistance is also given to farmers wishing to diversify their operations through processing, to existing Colorado food companies interested in expansion, and to out-of-state food companies considering locating in Colorado.

Special projects have included: coordination with the San Luis Valley Potato Processing Committee in recruitment of a potato processor to the Valley and development of the **San Luis Valley Potato Processing Resource Guide**; development of the **Colorado Co-Pack Directory**, a listing of companies which provide contract packing services; and publication of **From Growing to Processing - A Start-Up Guide for Food Processors**.

Market News

Personnel of the Colorado Department of Agriculture's Markets Division attend livestock sales at the major sale yards around the state to report the movement and price of livestock exchanged in open trading. This information is made available to livestock producers. The staff also monitors and reports fresh produce and nursery marketings.

Brand Inspection Division

J. G. Shoun, Brand Commissioner

The Brand Inspection Division has a long history in Colorado beginning around 1865 in what was then the Colorado Territory. Today, the division administers more than 35,000 livestock brands to identify ownership of cattle, sheep, mules, burros, and horses. Brand inspection is crucial to verify ownership in cases of strayed or stolen livestock, and animal health programs are strengthened by the ability to trace animals to their herd of origin.

The division is administered by the State Board of Stock Inspection comprised of five members, appointed by the Governor, representing all segments of the industry. The members of the board during the 1991-92 period were Mr. Dick Tanner of Yoder, Mr. Dean Davis of Lindon, Mr. Lee Spann of Gunnison, Mr. Robert Jutten of Montrose, and Mr. Robert E. Bledsoe of Wray.

The division employs 65 brand inspectors located throughout the state, eight brand foremen, and nine administrative personnel, including Brand Commissioner J.G. Shoun. The annual budget for the division exceeds \$2.4 million and is completely funded by inspection fees levied to livestock owners and brand registration fees levied every five years.

The division is assigned four principal regulatory responsibilities: to record and administer livestock brands; inspect livestock and verify ownership before sale, transportation beyond 75 miles, or slaughter; inspect and license livestock sale rings and inspect all consignments before sale to verify ownership; and prevent and return strayed or stolen livestock and investigate reports of lost or stolen livestock.

In addition, brand inspectors collect beef promotion and research funds. The division is also the trustee for all surety bonds issued to licensed markets and packing houses doing business in Colorado.

In 1991-92, the division inspected approximately 4.7 million head of livestock. In addition, they identified ownership of lost, stolen, or strayed and questionably owned livestock valued at \$15.5 million.

During the 1991 legislative session, the Colorado General Assembly acted to retain the Board of Stock Inspection's authorities to license livestock sale barns and inspect packing houses. The review of the board's authorities was in response to the legislature's Sunset Review process.

Division of Plant Industry

Robert I. Sullivan, Director

The Colorado Department of Agriculture's Division of Plant Industry performs a wide array of services to the public and engages in several important environmental and public health protection programs.

Beginning as the Bureau of Plant and Insect Control in 1937, the agency was under the direction of the State Entomologist. The division is organized into the Biological Pest Control, Pesticides, and the Plant and Insect sections. The division's staff of 37 includes 13 field inspectors (10 of whom are cross-trained in multiple inspection), eight biological pest control specialists, and three chemigation inspectors.

Biological Pest Control

In 1947, the Bureau of Plant and Insect Control developed the state's initial biological pest control program in Palisade, Colorado, at the Colorado Department of Agriculture Insectary. Biological pest control affords the opportunity to decrease agriculture's reliance on chemical pest control technology thereby decreasing production costs, reducing a portion of the chemicals entering the environment, and when colonies of beneficial insects are established, it offers a permanent pest control solution.

In 1990, the General Assembly granted funds to the department to construct a new insectary facility in Palisade. Groundbreaking ceremonies were held in October 1990 for the \$1.2 million project, and the facility was opened in January 1992. The new Insectary will allow the Biological Pest Control program to expand roughly four-fold without an increase in staff.

In 1991-92, the staff of the Biological Pest Control Section conducted 437 releases of 22 species of beneficial insects, an increase of approximately 14% over FY 1990 (1990's activity level was an increase of 29% over the previous year). The releases were designed to assist in the control of eight weed species and eight insect pests throughout the state.

Plant and Insect Section

This section provides the following services:

Inspection of plants and plant products intended for export to provide certification required by receiving states and countries;

Registration of sellers of nursery stock, providing inspection of that stock to aid in control of insects and diseases, and aiding consumers in purchasing high quality stock;

Performs request inspections of apiaries for bee diseases;

Conducts pest surveys and works with private and public agencies to control certain pests;

Administration and enforcement of the Colorado Chemigation Act to avoid pollution of groundwater sources;

Inspects commercial seed dealers to assure truth in labeling of seed as to content and germination claims; and Administers the organic production certification program to assure buyers of organically-grown produce that their produce conforms with state standards required before making such claims.

In 1991-92, the section issued approximately 1,250 phytosanitary inspection certificates on plant products for international export valued between \$10 and \$15 million. Inspectors conducted 1,200 inspections of nurseries and greenhouses and issued 1,400 licenses to sellers of nursery stock. Approximately 5,000 stop sales orders were issued on nursery stock in 1991-92.

The Plant and Insect Section's implementation of the chemigation program, which began in 1989, this year resulted in the issuance of 2,810 permits.

Approximately 750 inspections of seed dealers were conducted, and 300 stop sales orders were issued for violations of labeling. The section issued 110 organic certification licenses.

Pesticides Program

The Pesticides Section regulates pesticides, pest control devices, pesticide application and commercial pesticide applicators. Its services include assuring proper labeling, packaging, display, formulation, and effectiveness of pesticide products; handling special local needs pesticide registrations and emergency exemption requests for pesticides; and assuring competency of commercial pesticide applicators, and under certain circumstances, limited commercial and public applicators.

In 1991-92, approximately 8,500 pesticide products were registered in Colorado; 675 applicators were tested for competency; 690 commercial pesticide application firms were licensed; 2,125 applicators were licensed as qualified supervisors or certified operators; 50 complaints of misuse of pesticides were investigated; and 30 administrative actions were taken ranging from letters of warning to license suspensions, civil fines, assurances of discontinuance, and injunctions.

The pesticide section is also the lead agency at the state level for the protection of groundwater quality from contamination by agricultural chemicals. A coordinated effort is essential in dealing with this issue since numerous federal, state and local agencies are involved. The department ensures a coordinated approach by maintaining contact with the other agencies and attending meetings to keep abreast of what work is being performed. Education and public outreach is the key to the program. Presentations to industry, professional organizations and interested groups are ongoing to both inform and seek advice. An advisory

committee established in 1991 has been instrumental in providing user and public involvement into program development and implementation as well as helping to determine priorities. Groundwater monitoring and the development of the best management practices under this program began in 1992 in the South Platte River basin. Rules and regulations for bulk storage facilities and mixing and loading areas are being drafted with a projected adoption date in 1994.

Inspection and Consumer Services Division

Ronald Turner, Director

The Division of Inspection and Consumer Services consists of five sections. The division employs approximately 95 individuals in a variety of inspection programs designed to assure fairness in the marketplace and quality, safety, and financial soundness in other commercial transactions.

The Office of the Director governs the five sections of the division. Under the director, the Facility Operations Program oversees two state-owned buildings occupied by the division with one goal in mind, to make sure that the buildings maintain an environment of safety and security for the employees. Funding was secured in FY 1989-90 to implement a building expansion project to add a two story addition to the bio-chemical laboratory. The construction of the addition was completed in 1992.

Technical Services

The Technical Services Section consists of five programs: Feeds, Fertilizers, Eggs, Meats, and Field Programs.

The Feed Program registers and selectively samples commercial animal feeds throughout the state. In 1991-92, 683 companies registered 8,906 products.

There were 6,036 inspections conducted and approximately 4,600 samples taken, representing 34,000 tons of feed. Fourteen percent of these samples failed to make their labeled guarantees when analyzed by our laboratory. Inspection fees (tonnage tax) were collected on 1,356,802 tons of feed. Over 900 stop sales were issued during this time period. This figure represents an increase of almost 300 percent over last year, attributable to a new computerized method of tracking registrations and an increased enforcement effort on the part of our inspectors. The staff also inspected 21 medicated feed mills under a cooperative agreement with the U.S. Food and Drug Administration.

The Egg Inspection Program assures compliance pertaining to quality and labeling standards at the retail and wholesale level. In the 1991-92 license year over 1,285,000 dozens were inspected, 77,115 dozens were rejected. The rejection rate of 6 percent indicates the need to maintain the focus in this area to assure the consumer of a fresh, high quality egg.

The Egg Inspection Program also conducts a cooperative USDA egg surveillance and fee grading program which is responsible for egg inspections at the producer level. During the 1991-92 fiscal year more than 1,600,000 dozens were inspected, and 86,800 dozens were rejected.

The Fertilizer Program registers and selectively samples fertilizers, soil conditioners, and related products to determine nutrient content and to assure labeling accuracy in accordance with state laws. In 1991-92 the department registered 376 companies and 2,641 products. Approximately 5,880 inspections were made and 1,778 samples representing 38,450 tons of product were taken and analyzed. Inspectors issued 230 stop sales on deficient products and equipment. This program also collected \$398,794 in tonnage tax (two-thirds of which is dedicated to fund the Groundwater Protection Program) and \$21,557 in fees, fines and penalties.

The Fertilizer Program also inspects anhydrous ammonia tanks and assists in safety training in the use of this potentially dangerous product. Inspectors examined 3,617 ammonia tanks rejected 540 of them as unsafe.

The Meat Inspection Program licenses and inspects meat processors. In addition, the agency protects the public from unsanitary or fraudulent practices in custom meat processing and bulk meat sales.

In 1991-92, this program issued licenses to 131 facilities in the state. Nineteen cease and desist orders were issued to meat processors in the fiscal year. Two hundred thirty-three facility inspections were made. In addition to these duties, the program conducted a sample survey of meat being sold to governmental agencies and institutions. The results showed a non-compliance rate of 73.2%, mostly resulting from ground meat. No licenses were denied due to unsanitary conditions at the 235 facilities inspected.

Farm Products

The Farm Products Section is responsible for the enforcement of statutes licensing those who buy, transport, or store agricultural products produced in Colorado. The agency assures that dealers and state-licensed warehouses are bonded and adequately capitalized. The section licensed nearly 6,000 firms.

The section investigates complaints by producers and issues cease and desist orders in the event that a firm appears to be financially unable to meet its commitments. In addition, the section conducts investigations regarding complaints of timely payment for farm products purchased. In 1991-92, 342 such orders were issued, and 287 investigations were conducted.

Laboratory Services

The Laboratory Services section analyzes animal feeds and fertilizer product samples obtained by multiple inspectors in the division, and the lab also analyzes pesticide samples for the Plant Industry Division.

The laboratory checks animal feeds and pet foods registered in the state to assure that feed products conform to the manufacturer's labels for both nutrients and that they are free of contamination. The lab, under contract with the U.S. Environmental Protection Agency, conducts the analysis of pesticides to assure that they meet manufacturers' claims, pesticide formulations for label consistency, and analyzes pesticide residue samples to aid in the investigation of possible misuse or misapplication.

In 1991-92, the section conducted 31,000 different analyses on 7,800 samples.

Measurement Standards

This program licenses all weighing and measuring devices in commercial use in Colorado and certifies persons operating public scales. The State Standards Laboratory maintains custody of Colorado's official weight and measure standards, and the laboratory provides testing, certification, and calibration of mass, frequency, length, and volume for public and private agencies that require standards traceable to the National Institute of Standards and Technology.

This section tests packages for truth in labeling as required by the Measurement Standards Act, and it tests and inspects for correctness, measuring devices used commercially.

More than 24,000 small weighing devices were tested in 1991-92, and of those, approximately 5 percent were inaccurate. Inspectors examined 59,000 packages and found 15 percent to be short measure.

The section's large test units examined over 4,000 scales, rejecting approximately 38 percent. Due to an injured drive and now a vacant position, our truck testing large scales in the northeast corner of the state operated less than one month. As a result, there are a large number of scales needing test certification.

The Metrology Laboratory conducted 10,540 mass standard tests, 929 other tests, and 1001 tuning forks for proper frequency. The tuning forks are used by local law enforcement agencies to calibrate radar speed detectors. The Metrology Laboratory has organized, monitored, and completed a round-robin testing of tuning forks on a national level with the approval and use of NIST for laboratory certification.

Fruit and Vegetable Inspection

The Fruit and Vegetable Inspection program is a cooperative effort by the U.S. Department of Agriculture and the Colorado Department of Agriculture to assure consumers of high quality Colorado produce. The program operates under federal standards, rules, and regulations to provide official inspection, grading, and certification of produce. The certification concerns quality, condition, size, and other pertinent factors of fresh fruits and vegetables grown in the state.

Inspections are performed on either a mandatory or non-mandatory basis. Mandatory produce inspection is required by statute to promote quality standards which depict Colorado's peaches and potatoes as desirable products in the marketplace.

Non-mandatory inspections are conducted for other commodities for shippers which wish to market an inspected product. Inspection certificates are issued by the state to certify grade and condition of the product at the time of inspection.

In 1991-92, the section inspected an estimated 17,682,000 hundredweight (cwt.) of potatoes, and due to a freeze last season, only 3,392 bushels of peaches, resulting in the issuance of 45,000 certificates of mandatory inspection for the commodities. Other fruits and vegetables inspected totaled 463,298 cwt. resulting in 3,200 certificates issued for non-mandatory commodities.

Field Services

The Field Services Section has the responsibility of directing all personnel involved in the inspections, testing and/or sampling for the following programs: Feed, Fertilizer, Eggs, Measurement Standards (small devices), Farm Products, and Meat Inspection. Each inspector in the section has been trained to perform inspections in all six program areas.

Fifteen inspectors strategically located throughout the state perform the various inspections required for each program. Inspectors are empowered to enforce the laws and regulations relating to each program.

Division of Animal Industry

Dr. James Williams, DVM, Director

The Division of Animal Industry is responsible for animal health and control activities in the state. The division has a staff of 17 including nine field personnel.

The division works in close cooperation with the livestock industry and veterinary medical organizations, as well as other state and federal agencies, to protect the health, welfare, and marketability of Colorado livestock.

Veterinary Section

This section is responsible for monitoring and minimizing brucellosis and other contagious diseases which could threaten Colorado livestock.

The staff concentrate on diseases that are a threat to public health, would significantly impact the more than \$2 billion livestock economy in Colorado, and which cannot be easily controlled by individual livestock owners. Control of diseases is achieved through required inspections, vaccination, supervised treatments, and other appropriate activities. The section also licenses and inspects establishments engaged in processing, handling, or transporting inedible meat products for pet foods and rendering establishments to assure compliance with sanitary standards necessary for disease control and to assure that such products are clearly labeled.

The Bureau of Animal Protection investigates complaints concerning animal cruelty or neglect. Division staff assist local animal control officials and law enforcement officials and law enforcement organizations in training and investigations of complaints. In 1991-92, 322 complaints of animal neglect or abuse were investigated by department personnel.

State-Federal Brucellosis Laboratory

The State-Federal Brucellosis Laboratory provides support for livestock disease identification, control, and prevention programs. The lab facilitates interstate and international livestock shipments through laboratory confirmation of disease-free status. Lab staff also trains public livestock market veterinarians in test procedures and confirms testing of livestock at such markets.

Training in field test procedures were conducted in 1991-92 for 44 persons and over 220,000 serological and other laboratory tests for livestock diseases were performed.

Rodent/Predator Control Section

In Colorado, 3 million acres of private lands are damaged to some degree by prairie dogs, gophers, and other rodents. The Animal Industry Division's Rodent/Predator Control Section provides training, services, and supplies to private citizens and local, state, and federal officials to control vertebrate pests. The section assists producers in controlling livestock predation losses through cooperative agreements with local producer associations, counties, and the United States Department of Agriculture.

In 1991-92, the Rodent/Predator Control Section assisted approximately 1,500 private individuals in 43 counties to control rodent infestations or predator losses.

**HOW TO CONTACT
THE
COLORADO DEPARTMENT OF AGRICULTURE**

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Division of Animal Industry

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State Veterinarian, Dr. Jim Williams	239-4161
Animal Protection Bureau	239-4158
Rodent/Predator Control	239-4157

Division of Stock Inspection

4701 Marion Street, Denver 80216

Brand Commissioner, J. G. Shoun	294-0895
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Division of Markets

700 Kipling Street, Suite 4000, Lakewood, 80215

Director, Jim Rubingh	239-4114
Livestock Market News (Greeley)	353-9750
Fruit & Vegetable Market News	294-7623

Division of Inspection and Consumer Services

2331 West 31st. Avenue, Denver, 80211

Director, Ronald Turner	477-0076
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Farm Products	477-0054
Field Services	477-0076
Fruit & Vegetable	477-0093
Standards Laboratory	477-0014
Measurement Standards	
3125 Wyandot St., Denver, 80211	866-2845

Division of Plant Industry

700 Kipling Street, Suite 4000, Lakewood, 80215

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Plant and Insect	239-4142
Pesticide Section	239-4145
Biological Pest Control (Insectary)	
P.O. Box 400, Palisade, Colorado, 81526	464-7916

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WHY CROP AND LIVESTOCK REPORTS

A man's judgment is no better than his facts, and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing.

They are essential in enacting wise legislation affecting Agriculture.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give producers the same foresight to future price trends that organized dealers possess.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They aid farm organizations, schools, local communities, Economic Development Councils, and others in planning constructive programs.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They indicate potential buying power, enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk for ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They provide an accurate, unbiased picture of Colorado's agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, ranchers, other individuals, agribusiness, railroads, crop and livestock interests and governmental agencies.

The Colorado Agricultural Statistics Service is a state-federal agency which gathers and publishes information on agricultural production, livestock inventories, prices, farm income and other economic indicators. These reports are based on surveys of farmers, ranchers and other agribusinesses. Please contact our office for information on subscribing to these reports.

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